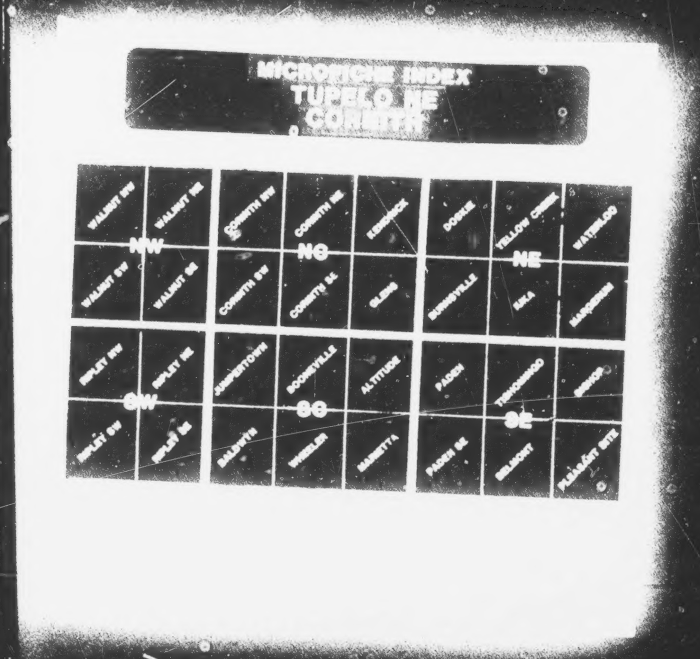
NO 1:100,000

COMPOSITE



GRID →

No 2
BOTTOM HALF SHOT
TOP →

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

NATIONAL WETLANDS INVENTORY

UNITED STATES DEPARTMENT OF THE INTERIOR

WALNUT NW QUADRANGLE
MISSISSIPPI TENNESSEE
7.5 MINUTE SERIES ORTHOPHOTOQUAD

C-1

WALNUT NW, MISS - TENN

TUPELO NE
CORINTH

4/80
WALNUT NW, MISS.-TENN

WETLAND LEGEND

U – Primarily represents **upland** areas, but may include unclassified wetlands such as man-modified areas, non photo-identifiable areas and/or unintentional omissions.

ECOLOGICAL SYSTEM / Ecological Subsystem / CLASS / Subclass

M – MARINE

- 1 – Subtidal
  - RB ROCK BOTTOM: 1 Bedrock, 2 Boulder
  - UB UNCONSOLIDATED BOTTOM: 1 Cobble Gravel, 2 Sand, 3 Mud, 4 Organic
  - AB AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 6 Unknown Submergent
  - RF REEF: 1 Coral, 3 Worm
  - OW OPEN WATER: Unknown Bottom
- 2 – Intertidal
  - AB AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 6 Unknown Submergent
  - RF REEF: 1 Coral, 3 Worm
  - FL FLAT: 1 Cobble Gravel, 2 Sand, 3 Mud, 6 Vegetated Non pioneer
  - RS ROCKY SHORE: 1 Bedrock, 2 Boulder, 6 Vegetated Non pioneer
  - BB BEACH BAR: 1 Cobble Gravel, 2 Sand

E – ESTUARINE

- 1 – Subtidal
  - RB ROCK BOTTOM: 1 Bedrock, 2 Boulder
  - UB UNCONSOLIDATED BOTTOM: 1 Cobble Gravel, 2 Sand, 3 Mud, 4 Organic
  - AB AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 4 Floating leaved, 5 Floating, 6 Unknown Submergent, 7 Unknown Surface
  - RF REEF: 2 Mollusc, 3 Worm
  - OW OPEN WATER: Unknown Bottom
- 2 – Intertidal
  - AB AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 6 Unknown Submergent, 7 Unknown Surface
  - RF REEF: 2 Mollusc, 3 Worm
  - FL FLAT: 1 Cobble Gravel, 2 Sand, 3 Mud, 4 Organic, 5 Vegetated Pioneer, 6 Vegetated Non pioneer
  - SB STREAMBED: 1 Cobble Gravel, 2 Sand, 3 Mud, 4 Organic
  - RS ROCKY SHORE: 1 Bedrock, 2 Boulder, 6 Vegetated Non pioneer
  - BB BEACH BAR: 1 Cobble Gravel, 2 Sand
  - EM EMERGENT: 1 Persistent, 2 Nonpersistent, 3 Narrow leaved Nonpersistent, 4 Broad leaved Nonpersistent, 5 Narrow leaved Persistent, 6 Broad leaved Persistent
  - SS SCRUB SHRUB: 1 Broad leaved Deciduous, 3 Broad leaved Evergreen, 4 Needle leaved Evergreen, 5 Dead, 6 Deciduous, 7 Evergreen
  - FO FORESTED: 1 Broad leaved Deciduous, 3 Broad leaved Evergreen, 4 Needle leaved Evergreen, 5 Dead, 6 Deciduous, 7 Evergreen

R – RIVERINE

- 1 – Tidal; 2 – Lower Perennial; 3 – Upper Perennial; 4 – Intermittent; 5 – Unknown Perennial
  - EM EMERGENT(1): 2 Nonpersistent, 3 Narrow leaved Nonpersistent, 4 Broad leaved Nonpersistent
  - RB ROCK BOTTOM: 1 Bedrock, 2 Boulder
  - UB UNCONSOLIDATED BOTTOM: 1 Cobble Gravel, 2 Sand, 3 Mud, 4 Organic
  - AB AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 3 Submergent Moss, 4 Floating leaved, 5 Floating, 6 Unknown Submergent, 7 Unknown Surface
  - FL FLAT: 1 Cobble Gravel, 2 Sand, 3 Mud, 4 Organic, 5 Vegetated Pioneer, 6 Vegetated Non pioneer
  - SB STREAMBED: 1 Cobble Gravel, 2 Sand, 3 Mud, 4 Organic
  - RS ROCKY SHORE: 1 Bedrock, 2 Boulder
  - BB BEACH BAR: 1 Cobble Gravel, 2 Sand
  - OW OPEN WATER: Unknown Bottom

(1) EM – EMERGENTS are only found in the Riverine Tidal and Riverine Lower Perennial Ecological Subsystems. All other classes are found in all Riverine Ecological Subsystems.

L – LACUSTRINE

- 1 – Limnetic
  - RB ROCK BOTTOM: 1 Bedrock, 2 Boulder
  - UB UNCONSOLIDATED BOTTOM: 1 Cobble Gravel, 2 Sand, 3 Mud, 4 Organic
  - AB AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 3 Submergent Moss, 4 Floating leaved, 5 Floating, 6 Unknown Submergent, 7 Unknown Surface
  - OW OPEN WATER: Unknown Bottom
- 2 – Littoral
  - RB ROCK BOTTOM: 1 Bedrock, 2 Boulder
  - UB UNCONSOLIDATED BOTTOM: 1 Cobble Gravel, 2 Sand, 3 Mud, 4 Organic
  - AB AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 3 Submergent Moss, 4 Floating leaved, 5 Floating, 6 Unknown Submergent, 7 Unknown Surface
  - FL FLAT: 1 Cobble Gravel, 2 Sand, 3 Mud, 4 Organic, 5 Vegetated Pioneer, 6 Vegetated Non pioneer
  - RS ROCKY SHORE: 1 Bedrock, 2 Boulder
  - BB BEACH BAR: 1 Cobble Gravel, 2 Sand
  - EM EMERGENT: 2 Nonpersistent
  - OW OPEN WATER: Unknown Bottom

P – PALUSTRINE

- No Subsystem
  - RB ROCK BOTTOM: 1 Bedrock, 2 Boulder
  - UB UNCONSOLIDATED BOTTOM: 1 Cobble Gravel, 2 Sand, 3 Mud, 4 Organic
  - AB AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 3 Submergent Moss, 4 Floating leaved, 5 Floating, 6 Unknown Submergent, 7 Unknown Surface
  - FL FLAT: 1 Cobble Gravel, 2 Sand, 3 Mud, 4 Organic, 5 Vegetated Pioneer, 6 Vegetated Non pioneer
  - ML MOSS LICHEN: 1 Moss, 2 Lichen
  - EM EMERGENT: 1 Persistent, 2 Nonpersistent, 3 Narrow leaved Nonpersistent, 4 Broad leaved Nonpersistent, 5 Narrow leaved Persistent, 6 Broad leaved Persistent
  - SS SCRUB SHRUB: 1 Broad leaved Deciduous, 2 Needle leaved Deciduous, 3 Broad leaved Evergreen, 4 Needle leaved Evergreen, 5 Dead, 6 Deciduous, 7 Evergreen
  - FO FORESTED: 1 Broad leaved Deciduous, 2 Needle leaved Deciduous, 3 Broad leaved Evergreen, 4 Needle leaved Evergreen, 5 Dead, 6 Deciduous, 7 Evergreen
  - OW OPEN WATER: Unknown Bottom

MODIFYING TERMS

In order to more adequately describe wetland and aquatic habitats one or more of the water regime, water chemistry, soil, or special modifiers may be applied at the class or lower level in the hierarchy. The farmed modifier may also be applied to the ecological system.

WATER REGIME(1) Non-Tidal		WATER REGIME(1) Tidal		WATER CHEMISTRY Coastal Salinity	Inland Salinity	pH Modifiers for all Fresh Water	SOIL	SPECIAL MODIFIERS	
A Temporary	H Permanent	K Artificial	R Seasonal Tidal	1 Hyperhaline	7 Hypersaline	a Acid	g Organic	b Beaver	h Diked Impounded
B Saturated	J Intermittently Flooded	L Subtidal	S Temporary Tidal	2 Euhaline	8 Eusaline	t Circumneutral	n Mineral	d Partially Drained Ditched	r Artificial
C Seasonal	K Artificial	M Irregularly Exposed	T Semipermanent Tidal	3 Mixohaline (Brackish)	9 Mixosaline	i Alkaline		f Farmed	s Spoil
D Seasonal Well drained	Z Intermittently Exposed Permanent	N Regular	V Permanent Tidal	4 Polyhaline	0 Fresh				x Excavated
E Seasonal Saturated	W Intermittently Flooded Temporary	P Irregular	U Unknown	5 Mesohaline					
F Semipermanent	Y Saturated Semipermanent Seasonal			6 Oligohaline					
G Intermittently Exposed	U Unknown			0 Fresh					

(1) Information on the water regime modifiers found on this legend, but not found in the classification system, may be obtained from the above listed source.

SPECIAL NOTE

This document was prepared primarily by stereoscopic analysis of high altitude aerial photographs. Wetlands were identified on the photographs based on vegetation, visible hydrology, and geography in accordance with **Classification of Wetlands and Deep-Water Habitats of the United States** (An Operational Draft), Cowardin, et al, 1977. The aerial photographs typically reflect conditions during the specific year and season when they were taken. In addition, there is a margin of error inherent in the use of the aerial photographs. Thus, a detailed on the ground and historical analysis of a single site may result in a revision of the wetland boundaries established through photographic interpretation. In addition, some small wetlands and those obscured by dense forest cover may not be included on this document.

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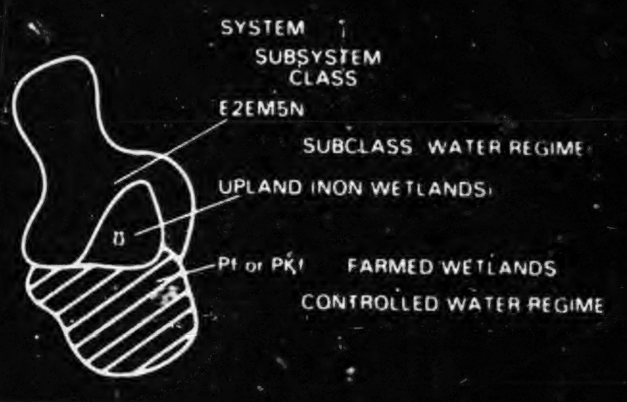
SYMBOLOGY EXAMPLE



NOTES TO THE USER

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MICROFICHE INDEX
TUPELO NE
CORNITH

NW		NC			NE		
WALNUT NW	WALNUT NE	CORINTH NW	CORINTH NE	KENDRICK	DOSKIE	YELLOW CREEK	WATERLOO
WALNUT SW	WALNUT SE	CORINTH SW	CORINTH SE	GLENS	BURNSVILLE	IUKA	MARGERUM
SW		**SC**			**SE**		
RIPLEY NW	RIPLEY NE	JUMPERTOWN	BOONEVILLE	ALTITUDE	PADEN	TISHOMINGO	BISHOP
RIPLEY SW	RIPLEY SE	BALDWYN	WHEELER	MARIETTA	PADEN SE	BELMONT	PLEASANT SITE

NATIONAL WETLANDS INVENTORY
UNITED STATES DEPARTMENT OF THE INTERIOR

WALNUT NE QUADRANGLE
MISSISSIPPI TENNESSEE
MINUTE SERIES ORTHOPHOTOQUAD

GEOLOGICAL SURVEY
WALNUT NE, MISS-TENN

2

34°52'30"
88°45'

4/80
WALNUT NE, MISS-TENN

TUPELO NE
CORINTH

SCALE 1:24 000

SPECIAL NOTE

NOTES TO THE USER

WETLAND LEGEND

U – Primarily represents **upland** areas, but may include unclassified wetlands such as man-modified areas, non-photo-identifiable areas and/or unintentional omissions

ECOLOGICAL SYSTEM
Ecological Subsystem
CLASS
Subclass

M – MARINE

1 Subtidal

- RB ROCK BOTTOM: 1 Bedrock, 2 Boulder
- UB UNCONSOLIDATED BOTTOM: 1 Cobble Gravel, 2 Sand, 3 Mud, 4 Organic
- AB AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 6 Unknown Submergent
- RF REEF: 1 Coral, 3 Worm
- OW OPEN WATER Unknown Bottom

2 Intertidal

- AB AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 6 Unknown Submergent
- RF REEF: 1 Coral, 3 Worm
- FL FLAT: 1 Cobble Gravel, 2 Sand, 3 Mud, 6 Vegetated Non pioneer
- RS ROCKY SHORE: 1 Bedrock, 2 Boulder, 6 Vegetated Non pioneer
- BB BEACH BAR: 1 Cobble Gravel, 2 Sand

E – ESTUARINE

1 Subtidal

- RB ROCK BOTTOM: 1 Bedrock, 2 Boulder
- UB UNCONSOLIDATED BOTTOM: 1 Cobble Gravel, 2 Sand, 3 Mud, 4 Organic
- AB AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 4 Floating leaved, 5 Floating, 6 Unknown Submergent, 7 Unknown Surface
- RF REEF: 2 Mollusc, 3 Worm
- OW OPEN WATER Unknown Bottom

2 Intertidal

- AB AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 6 Unknown Submergent, 7 Unknown Surface
- RF REEF: 2 Mollusc, 3 Worm
- FL FLAT: 1 Cobble Gravel, 2 Sand, 3 Mud, 4 Organic, 5 Vegetated Pioneer, 6 Vegetated Non pioneer
- SB STREAMBED: 1 Cobble Gravel, 2 Sand, 3 Mud, 4 Organic
- RS ROCKY SHORE: 1 Bedrock, 2 Boulder, 6 Vegetated Non pioneer
- BB BEACH BAR: 1 Cobble Gravel, 2 Sand
- EM EMERGENT: 1 Persistent, 2 Nonpersistent, 3 Narrow leaved Nonpersistent, 4 Broad leaved Nonpersistent, 5 Narrow leaved Persistent, 6 Broad leaved Persistent
- SS SCRUB SHRUB: 1 Broad leaved Deciduous, 3 Broad leaved Evergreen, 4 Needle leaved Evergreen, 5 Dead, 6 Deciduous, 7 Evergreen
- FO FORESTED: 1 Broad leaved Deciduous, 3 Broad leaved Evergreen, 4 Needle leaved Evergreen, 5 Dead, 6 Deciduous, 7 Evergreen

R – RIVERINE

1 – Tidal **2 – Lower Perennial** **3 – Upper Perennial** **4 Intermittent** **5 Unknown Perennial**

- EM EMERGENT(1): 2 Nonpersistent, 3 Narrow leaved Nonpersistent, 4 Broad leaved Nonpersistent
- RB ROCK BOTTOM: 1 Bedrock, 2 Boulder
- UB UNCONSOLIDATED BOTTOM: 1 Cobble Gravel, 2 Sand, 3 Mud, 4 Organic
- AB AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 3 Submergent Moss, 4 Floating leaved, 5 Floating, 6 Unknown Submergent, 7 Unknown Surface
- FL FLAT: 1 Cobble Gravel, 2 Sand, 3 Mud, 4 Organic, 5 Vegetated Pioneer, 6 Vegetated Non pioneer
- SB STREAMBED: 1 Cobble Gravel, 2 Sand, 3 Mud, 4 Organic
- RS ROCKY SHORE: 1 Bedrock, 2 Boulder
- BB BEACH BAR: 1 Cobble Gravel, 2 Sand
- OW OPEN WATER Unknown Bottom

(1) EM EMERGENTS are only found in the **Riverine Tidal** and **Riverine Lower Perennial** Ecological Subsystem. All other classes are found in all Riverine Ecological Subsystems.

L – LACUSTRINE

1 Limnetic

- RB ROCK BOTTOM: 1 Bedrock, 2 Boulder
- UB UNCONSOLIDATED BOTTOM: 1 Cobble Gravel, 2 Sand, 3 Mud, 4 Organic
- AB AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 3 Submergent Moss, 4 Floating leaved, 5 Floating, 6 Unknown Submergent, 7 Unknown Surface
- OW OPEN WATER Unknown Bottom

2 Littoral

- RB ROCK BOTTOM: 1 Bedrock, 2 Boulder
- UB UNCONSOLIDATED BOTTOM: 1 Cobble Gravel, 2 Sand, 3 Mud, 4 Organic
- AB AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 3 Submergent Moss, 4 Floating leaved, 5 Floating, 6 Unknown Submergent, 7 Unknown Surface
- FL FLAT: 1 Cobble Gravel, 2 Sand, 3 Mud, 4 Organic, 5 Vegetated Pioneer, 6 Vegetated Non pioneer
- RS ROCKY SHORE: 1 Bedrock, 2 Boulder
- BB BEACH BAR
- EM EMERGENT
- OW OPEN WATER Unknown Bottom

ECOLOGICAL SYSTEM
No Subsystem

P – PALUSTRINE

- RB ROCK BOTTOM: 1 Bedrock, 2 Boulder
- UB UNCONSOLIDATED BOTTOM: 1 Cobble Gravel, 2 Sand, 3 Mud, 4 Organic
- AB AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 3 Submergent Moss, 4 Floating leaved, 5 Floating, 6 Unknown Submergent, 7 Unknown Surface
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- ML MOSS LICHEN: 1 Moss, 2 Lichen
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- OW OPEN WATER Unknown Bottom

MODIFYING TERMS

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WATER REGIME(1) Non Tidal		WATER REGIME(1) Tidal		WATER CHEMISTRY Coastal Salinity	Inland Salinity	pH Modifiers for all Fresh Water	SOIL	SPECIAL MODIFIERS	
A Temporary	H Permanent	K Artificial	R Seasonal Tidal	1 Hyperhaline	7 Hypersaline	a Acid	g Organic	b Beaver	h Diked Impounded
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E Seasonal Saturated	W Intermittently Flooded Temporary	P Irregular	U Unknown	5 Mesohaline					
F Semipermanent	Y Saturated Semipermanent Seasonal			6 Oligohaline					
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RIPLEY NW	RIPLEY NE	JUMPERTOWN	BOONEVILLE	ALTITUDE	PADEN	TISHOMINGO	BISHOP
RIPLEY SW	RIPLEY SE	BALDWYN	WHEELER	MARIETTA	PADEN SE	BELMONT	PLEASANT SITE

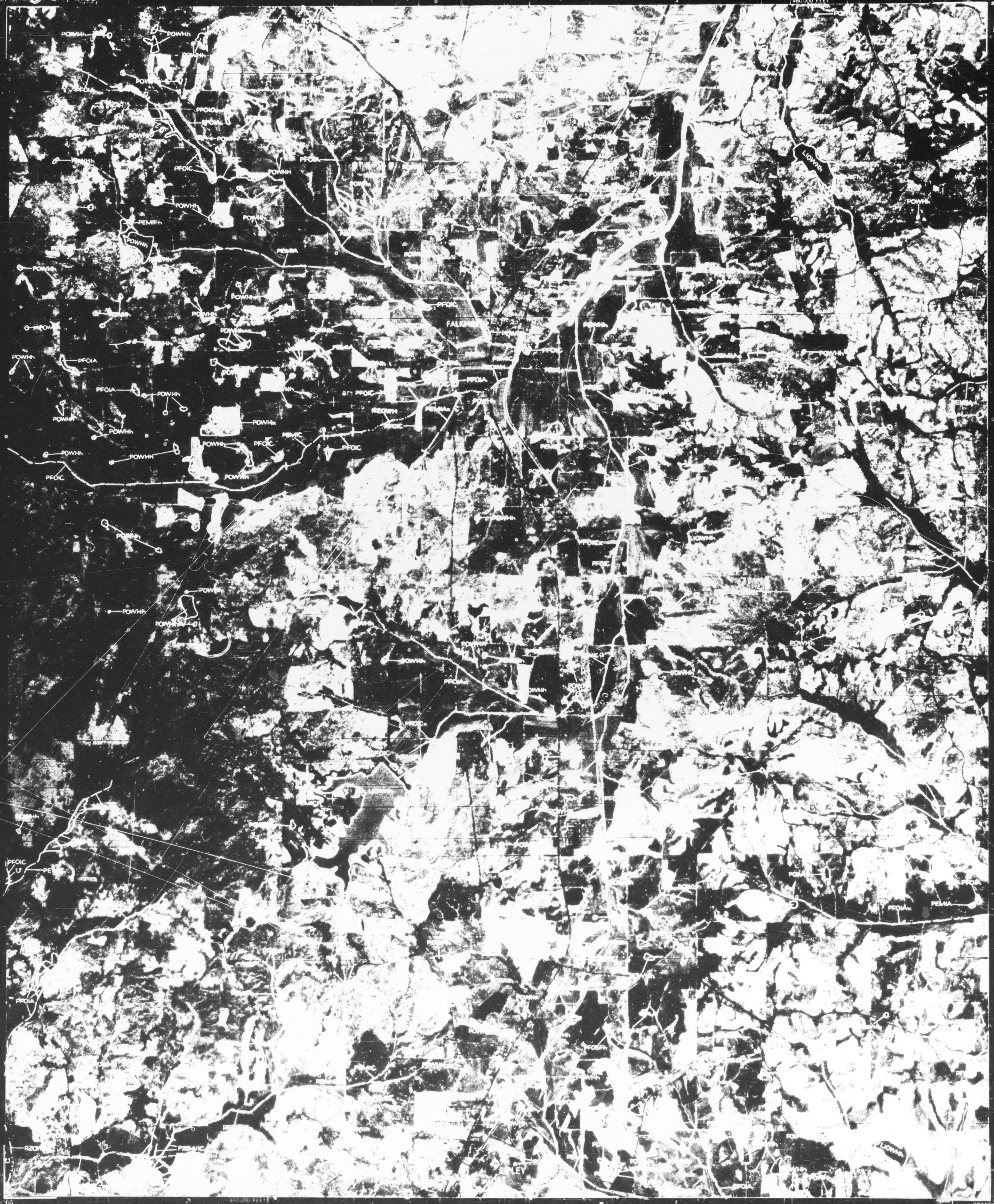
4 1 8 2 3

NATIONAL WETLANDS INVENTORY
UNITED STATES DEPARTMENT OF THE INTERIOR

WALNUT SW QUADRANGLE
MISSISSIPPI
7.5 MINUTE SERIES ORTHOPHOTOQUAD

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

WALNUT SW, MISS



3

88°52'30"

TUPELO NE
CORINTH

Produced by the Geological Survey

Orthophotograph prepared from 1:80,000 scale aerial photograph taken February 27, 1975

Projection and 10,000 foot grid ticks: Mississippi coordinate system, east zone (transverse Mercator)
1000 metre Universal Transverse Mercator grid ticks, zone 16
1927 North American datum

Photoimagery transformed by scanning techniques which may produce double or mismatched images. Use the mean of image positions for map point

SCALE 1:24 000

3/81
WALNUT SW, MISS

WETLAND LEGEND

U – Primarily represents **upland** areas, but may include unclassified wetlands such as man-modified areas, non photo-identifiable areas and/or unintentional omissions.

ECOLOGICAL SYSTEM / Ecological Subsystem / CLASS / Subclass

M – MARINE

1 – Subtidal

- RB ROCK BOTTOM: 1 Bedrock, 2 Boulder
- UB UNCONSOLIDATED BOTTOM: 1 Cobble Gravel, 2 Sand, 3 Mud, 4 Organic
- AB AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 6 Unknown Submergent
- RF REEF: 1 Coral, 3 Worm
- OW OPEN WATER: Unknown Bottom

2 – Intertidal

- AB AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 6 Unknown Submergent
- RF REEF: 1 Coral, 3 Worm
- FL FLAT: 1 Cobble Gravel, 2 Sand, 3 Mud, 6 Vegetated Non pioneer
- RS ROCKY SHORE: 1 Bedrock, 2 Boulder, 6 Vegetated Non pioneer
- BB BEACH BAR: 1 Cobble Gravel, 2 Sand

E – ESTUARINE

1 – Subtidal

- RB ROCK BOTTOM: 1 Bedrock, 2 Boulder
- UB UNCONSOLIDATED BOTTOM: 1 Cobble Gravel, 2 Sand, 3 Mud, 4 Organic
- AB AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 4 Floating leaved, 5 Floating, 6 Unknown Submergent, 7 Unknown Surface
- RF REEF: 2 Mollusc, 3 Worm
- OW OPEN WATER: Unknown Bottom

2 – Intertidal

- AB AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 6 Unknown Submergent, 7 Unknown Surface
- RF REEF: 2 Mollusc, 3 Worm
- FL FLAT: 1 Cobble Gravel, 2 Sand, 3 Mud, 4 Organic, 5 Vegetated Pioneer, 6 Vegetated Non pioneer
- SB STREAMBED: 1 Cobble Gravel, 2 Sand, 3 Mud, 4 Organic
- RS ROCKY SHORE: 1 Bedrock, 2 Boulder, 6 Vegetated Non pioneer
- BB BEACH BAR: 1 Cobble Gravel, 2 Sand
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R – RIVERINE

1 – Tidal; 2 – Lower Perennial; 3 – Upper Perennial; 4 – Intermittent; 5 – Unknown Perennial

- EM EMERGENT(1): 2 Nonpersistent, 3 Narrow leaved Nonpersistent, 4 Broad leaved Nonpersistent
- RB ROCK BOTTOM: 1 Bedrock, 2 Boulder
- UB UNCONSOLIDATED BOTTOM: 1 Cobble Gravel, 2 Sand, 3 Mud, 4 Organic
- AB AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 3 Submergent Moss, 4 Floating leaved, 5 Floating, 6 Unknown Submergent, 7 Unknown Surface
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- SB STREAMBED: 1 Cobble Gravel, 2 Sand, 3 Mud, 4 Organic
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- BB BEACH BAR: 1 Cobble Gravel, 2 Sand
- OW OPEN WATER: Unknown Bottom

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L – LACUSTRINE

1 – Limnetic

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- OW OPEN WATER: Unknown Bottom

2 – Littoral

- RB ROCK BOTTOM: 1 Bedrock, 2 Boulder
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- AB AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 3 Submergent Moss, 4 Floating leaved, 5 Floating, 6 Unknown Submergent, 7 Unknown Surface
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- RS ROCKY SHORE: 1 Bedrock, 2 Boulder
- BB BEACH BAR: 1 Cobble Gravel, 2 Sand
- EM EMERGENT: [illegible]
- OW OPEN WATER: [illegible]

P – PALUSTRINE

ECOLOGICAL SYSTEM – No Subsystem

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- FO FORESTED: 1 Broad leaved Deciduous, 2 Needle leaved Deciduous, 3 Broad leaved Evergreen, 4 Needle leaved Evergreen, 5 Dead, 6 Deciduous, 7 Evergreen
- OW OPEN WATER: Unknown Bottom

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B Saturated	J Intermittently Flooded	L Subtidal	S Temporary Tidal	2 Euhaline	8 Eusaline	t Circumneutral	n Mineral	d Partially Drained Ditched	r Artificial
C Seasonal	K Artificial	M Irregularly Exposed	T Semipermanent Tidal	3 Mixohaline (Brackish)	9 Mixosaline	i Alkaline		f Farmed	s Spoil
D Seasonal Well drained	Z Intermittently Exposed Permanent	N Regular	V Permanent Tidal	4 Polyhaline	0 Fresh				x Excavated
E Seasonal Saturated	W Intermittently Flooded Temporary	P Irregular	U Unknown	5 Mesohaline					
F Semipermanent	Y Saturated/Semipermanent Seasonal			6 Oligohaline					
G Intermittently Exposed	U Unknown			0 Fresh					

(1) Information on the water regime modifiers found on this legend, but not found in the classification system, may be obtained from the above listed source.

SPECIAL NOTE

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SYMBOLOGY EXAMPLE

SYSTEM
SUBSYSTEM
CLASS
E2EM5N
SUBCLASS WATER REGIME
UPLAND (NON WETLANDS)
Pf or PKf FARMED WETLANDS
CONTROLLED WATER REGIME

NOTES TO THE USER

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MICROFICHE INDEX
TUPELO NE
CORNITH

NW		NC			NE		
WALNUT NW	WALNUT NE	CORINTH NW	CORINTH NE	KENDRICK	DOSKIE	YELLOW CREEK	WATERLOO
WALNUT SW	WALNUT SE	CORINTH SW	CORINTH SE	GLENS	BURNSVILLE	IUKA	MARGERUM
SW		**SC**			**SE**		
RIPLEY NW	RIPLEY NE	JUMPERTOWN	BOONEVILLE	ALTITUDE	PADEN	TISHOMINGO	BISHOP
RIPLEY SW	RIPLEY SE	BALDWYN	WHEELER	MARIETTA	PADEN SE	BELMONT	PLEASANT SITE

GRID

NATIONAL WETLANDS INVENTORY

UNITED STATES DEPARTMENT OF THE INTERIOR

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

WALNUT SE QUADRANGLE
MISSISSIPPI
7.5 MINUTE SERIES ORTHOPHOTOQUAD

WALNUT SE, MISS.

88°52'30"
34°52'30"

520 000 FEET

88°45'
34°52'30"

C-1

4

4/80

88°45'
34°45'

WALNUT SE, MISS.

TUPELO NE
CORINTH

SCALE 1:24000

WETLAND LEGEND

U – Primarily represents **upland** areas, but may include unclassified wetlands such as man-modified areas, non photo-identifiable areas and/or unintentional omissions.

ECOLOGICAL SYSTEM / Ecological Subsystem / CLASS / Subclass

M – MARINE

1 – Subtidal
- RB ROCK BOTTOM: 1 Bedrock, 2 Boulder
- UB UNCONSOLIDATED BOTTOM: 1 Cobble Gravel, 2 Sand, 3 Mud, 4 Organic
- AB AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 6 Unknown Submergent
- RF REEF: 1 Coral, 3 Worm
- OW OPEN WATER Unknown Bottom

2 – Intertidal
- AB AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 6 Unknown Submergent
- RF REEF: 1 Coral, 3 Worm
- FL FLAT: 1 Cobble Gravel, 2 Sand, 3 Mud, 6 Vegetated Non pioneer
- RS ROCKY SHORE: 1 Bedrock, 2 Boulder, 6 Vegetated Non pioneer
- BB BEACH BAR: 1 Cobble Gravel, 2 Sand

E – ESTUARINE

1 – Subtidal
- RB ROCK BOTTOM: 1 Bedrock, 2 Boulder
- UB UNCONSOLIDATED BOTTOM: 1 Cobble Gravel, 2 Sand, 3 Mud, 4 Organic
- AB AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 4 Floating leaved, 5 Floating, 6 Unknown Submergent, 7 Unknown Surface
- RF REEF: 2 Mollusc, 3 Worm
- OW OPEN WATER Unknown Bottom

2 – Intertidal
- AB AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 6 Unknown Submergent, 7 Unknown Surface
- RF REEF: 2 Mollusc, 3 Worm
- FL FLAT: 1 Cobble Gravel, 2 Sand, 3 Mud, 4 Organic, 5 Vegetated Pioneer, 6 Vegetated Non pioneer
- SB STREAMBED: 1 Cobble Gravel, 2 Sand, 3 Mud, 4 Organic
- RS ROCKY SHORE: 1 Bedrock, 2 Boulder, 6 Vegetated Non pioneer
- BB BEACH BAR: 1 Cobble Gravel, 2 Sand
- EM EMERGENT: 1 Persistent, 2 Nonpersistent, 3 Narrow leaved Nonpersistent, 4 Broad leaved Nonpersistent, 5 Narrow leaved Persistent, 6 Broad leaved Persistent
- SS SCRUB SHRUB: 1 Broad leaved Deciduous, 3 Broad leaved Evergreen, 4 Needle leaved Evergreen, 5 Dead, 6 Deciduous, 7 Evergreen
- FO FORESTED: 1 Broad leaved Deciduous, 3 Broad leaved Evergreen, 4 Needle leaved Evergreen, 5 Dead, 6 Deciduous, 7 Evergreen

R – RIVERINE

1 – Tidal; 2 – Lower Perennial; 3 – Upper Perennial; 4 – Intermittent; 5 – Unknown Perennial

- EM EMERGENT(1): 2 Nonpersistent, 3 Narrow leaved Nonpersistent, 4 Broad leaved Nonpersistent
- RB ROCK BOTTOM: 1 Bedrock, 2 Boulder
- UB UNCONSOLIDATED BOTTOM: 1 Cobble Gravel, 2 Sand, 3 Mud, 4 Organic
- AB AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 3 Submergent Moss, 4 Floating leaved, 5 Floating, 6 Unknown Submergent, 7 Unknown Surface
- FL FLAT: 1 Cobble Gravel, 2 Sand, 3 Mud, 4 Organic, 5 Vegetated Pioneer, 6 Vegetated Non pioneer
- SB STREAMBED: 1 Cobble Gravel, 2 Sand, 3 Mud, 4 Organic
- RS ROCKY SHORE: 1 Bedrock, 2 Boulder
- BB BEACH BAR: 1 Cobble Gravel, 2 Sand
- OW OPEN WATER Unknown Bottom

(1) EM – EMERGENTS are only found in the **Riverine Tidal** and **Riverine Lower Perennial** Ecological Subsystem. All other classes are found in all Riverine Ecological Subsystems.

L – LACUSTRINE

1 – Limnetic
- RB ROCK BOTTOM: 1 Bedrock, 2 Boulder
- UB UNCONSOLIDATED BOTTOM: 1 Cobble Gravel, 2 Sand, 3 Mud, 4 Organic
- AB AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 3 Submergent Moss, 4 Floating leaved, 5 Floating, 6 Unknown Submergent, 7 Unknown Surface
- OW OPEN WATER Unknown Bottom

2 – Littoral
- RB ROCK BOTTOM: 1 Bedrock, 2 Boulder
- UB UNCONSOLIDATED BOTTOM: 1 Cobble Gravel, 2 Sand, 3 Mud, 4 Organic
- AB AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 3 Submergent Moss, 4 Floating leaved, 5 Floating, 6 Unknown Submergent, 7 Unknown Surface
- FL FLAT: 1 Cobble Gravel, 2 Sand, 3 Mud, 4 Organic, 5 Vegetated Pioneer, 6 Vegetated Non pioneer
- RS ROCKY SHORE: 1 Bedrock, 2 Boulder
- BB BEACH BAR: [illegible]
- EM EMERGENT: [illegible]
- OW OPEN WATER Unknown Bottom

P – PALUSTRINE

No Subsystem
- RB ROCK BOTTOM: 1 Bedrock, 2 Boulder
- UB UNCONSOLIDATED BOTTOM: 1 Cobble Gravel, 2 Sand, 3 Mud, 4 Organic
- AB AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 3 Submergent Moss, 4 Floating leaved, 5 Floating, 6 Unknown Submergent, 7 Unknown Surface
- FL FLAT: 1 Cobble Gravel, 2 Sand, 3 Mud, 4 Organic, 5 Vegetated Pioneer, 6 Vegetated Non pioneer
- ML MOSS LICHEN: 1 Moss, 2 Lichen
- EM EMERGENT: 1 Persistent, 2 Nonpersistent, 3 Narrow leaved Nonpersistent, 4 Broad leaved Nonpersistent, 5 Narrow leaved Persistent, 6 Broad leaved Persistent
- SS SCRUB SHRUB: 1 Broad leaved Deciduous, 2 Needle leaved Deciduous, 3 Broad leaved Evergreen, 4 Needle leaved Evergreen, 5 Dead, 6 Deciduous, 7 Evergreen
- FO FORESTED: 1 Broad leaved Deciduous, 2 Needle leaved Deciduous, 3 Broad leaved Evergreen, 4 Needle leaved Evergreen, 5 Dead, 6 Deciduous, 7 Evergreen
- OW OPEN WATER Unknown Bottom

MODIFYING TERMS

In order to more adequately describe wetland and aquatic habitats one or more of the water regime, water chemistry, soil, or special modifiers may be applied at the class or lower level in the hierarchy. The farmed modifier may also be applied to the ecological system.

WATER REGIME(1) Non-Tidal		WATER REGIME(1) Tidal		WATER CHEMISTRY Coastal Salinity	Inland Salinity	pH Modifiers for all Fresh Water	SOIL	SPECIAL MODIFIERS	
A Temporary	H Permanent	K Artificial	R Seasonal Tidal	1 Hyperhaline	7 Hypersaline	a Acid	g Organic	b Beaver	h Diked Impounded
B Saturated	J Intermittently Flooded	L Subtidal	S Temporary Tidal	2 Euhaline	8 Eusaline	t Circumneutral	n Mineral	d Partially Drained Ditched	r Artificial
C Seasonal	K Artificial	M Irregularly Exposed	T Semipermanent Tidal	3 Mixohaline (Brackish)	9 Mixosaline	i Alkaline		f Farmed	s Spoil
D Seasonal Well drained	Z Intermittently Exposed Permanent	N Regular	V Permanent Tidal	4 Polyhaline	0 Fresh				x Excavated
E Seasonal Saturated	W Intermittently Flooded Temporary	P Irregular	U Unknown	5 Mesohaline					
F Semipermanent	Y Saturated Semipermanent Seasonal			6 Oligohaline					
G Intermittently Exposed	U Unknown			0 Fresh					

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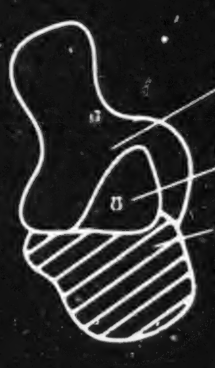
SYMBOLOGY EXAMPLE



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TUPELO NE
CORNITH

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WALNUT SW	WALNUT SE	CORINTH SW	CORINTH SE	GLENS	BURNSVILLE	IUKA	MARGERUM
SW		**SC**			**SE**		
RIPLEY NW	RIPLEY NE	JUMPERTOWN	BOONEVILLE	ALTITUDE	PADEN	TISHOMINGO	BISHOP
RIPLEY SW	RIPLEY SE	BALDWYN	WHEELER	MARIETTA	PADEN SE	BELMONT	PLEASANT SITE

GRID

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

CORINTH NW, MISS.-TENN.

NATIONAL WETLANDS INVENTORY

UNITED STATES DEPARTMENT OF THE INTERIOR

CORINTH NW QUADRANGLE
MISSISSIPPI–TENNESSEE
7.5 MINUTE SERIES ORTHOPHOTOQUAD

C-1

TUPELO NE

CORINTH

Geological Survey

prepared from 1:80,000 scale
taken February 27, 1975

coordinate system, east zone

based on Mississippi coordinate
Tennessee coordinate system
transverse Mercator grid ticks
1927 North American datum

transformed by scanning techniques
mismatched images.

SCALE 1:24 000

3/81
CORINTH NW, MISS-TENN

WETLAND LEGEND

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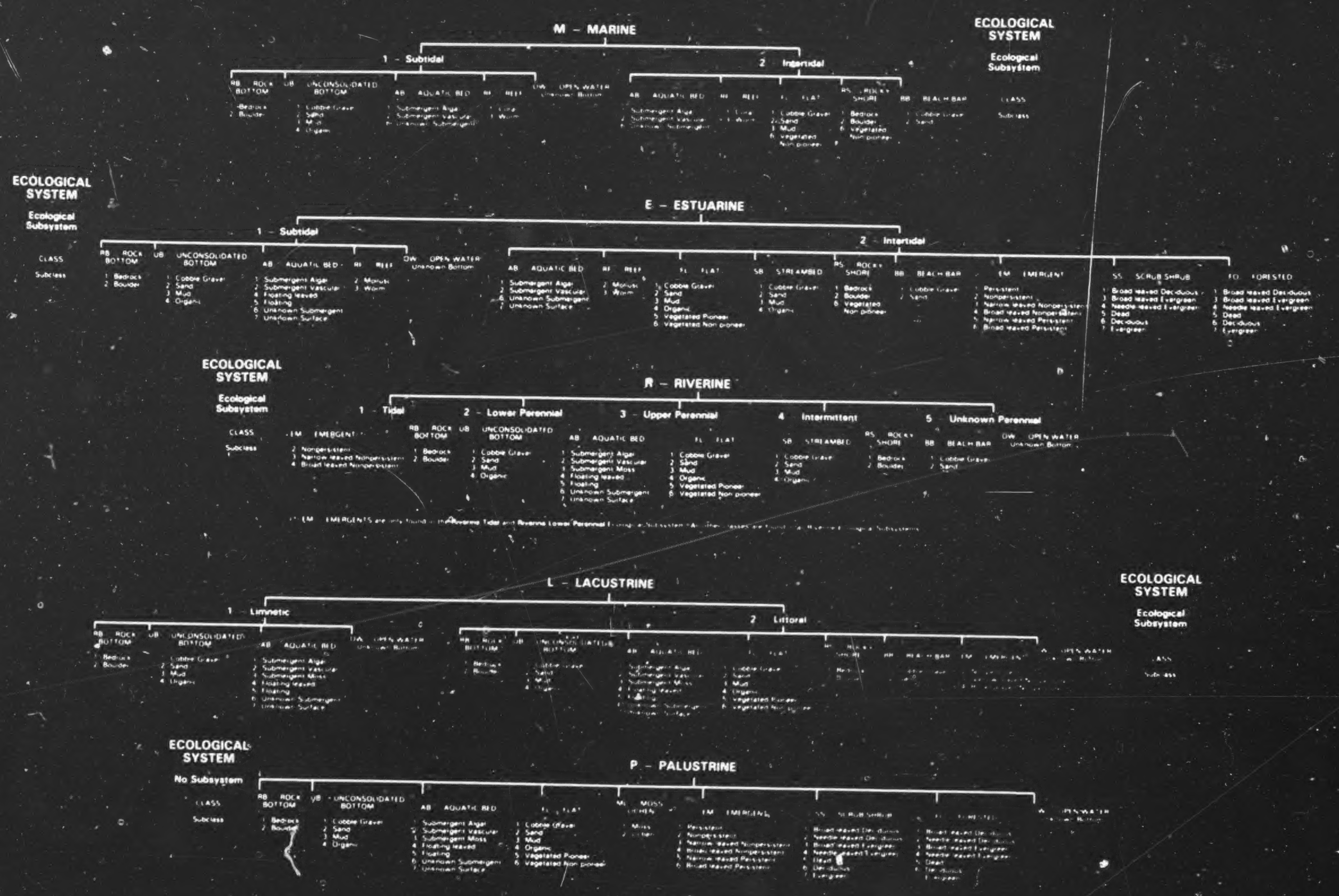

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A Temporary	H Permanent	K Artificial	R Seasonal Tidal	1 Hyperhaline	7 Hypersaline	a Acid	g Organic	b Beaver	h Diked Impounded
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C Seasonal	K Artificial	M Irregularly Exposed	T Semipermanent Tidal	3 Mixohaline (Brackish)	9 Mixosaline	i Alkaline		f Farmed	s Spoil
D Seasonal Well drained	Z Intermittently Exposed Permanent	N Regular	V Permanent Tidal	4 Polyhaline	0 Fresh				x Excavated
E Seasonal Saturated	W Intermittently Flooded Temporary	P Irregular	U Unknown	5 Mesohaline					
F Semipermanent	Y Saturated Semipermanent Seasonals			6 Oligohaline					
G Intermittently Exposed	U Unknown			0 Fresh					

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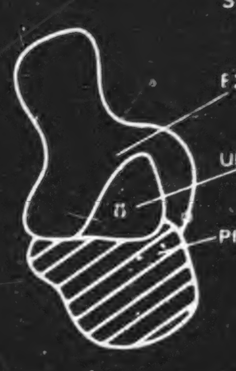

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CORINTH NE, MISS-TENN

QUADRANGLE
TENNESSEE
7.5 MINUTE SERIES ORTHOPHOTOQUAD

C-1

TUPELO NE
CORINTH

SCALE 1:24 000

Photoimagery transformed by scanning techniques which may produce double or mismatched images. Use the mean of image positions for map point.

SPECIAL NOTE

NOTES TO THE USER

4/80
CORINTH NE, MISS-TENN.

WETLAND LEGEND

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ECOLOGICAL SYSTEM / Ecological Subsystem / CLASS / Subclass

M – MARINE

- **1 – Subtidal**
  - RB ROCK BOTTOM: 1 Bedrock, 2 Boulder
  - UB UNCONSOLIDATED BOTTOM: 1 Cobble Gravel, 2 Sand, 3 Mud, 4 Organic
  - AB AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 6 Unknown Submergent
  - RF REEF: 1 Coral, 3 Worm
  - OW OPEN WATER: Unknown Bottom
- **2 – Intertidal**
  - AB AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 6 Unknown Submergent
  - RF REEF: 1 Coral, 3 Worm
  - FL FLAT: 1 Cobble Gravel, 2 Sand, 3 Mud, 6 Vegetated Non pioneer
  - RS ROCKY SHORE: 1 Bedrock, 2 Boulder, 6 Vegetated Non pioneer
  - BB BEACH BAR: 1 Cobble Gravel, 2 Sand

E – ESTUARINE

- **1 – Subtidal**
  - RB ROCK BOTTOM: 1 Bedrock, 2 Boulder
  - UB UNCONSOLIDATED BOTTOM: 1 Cobble Gravel, 2 Sand, 3 Mud, 4 Organic
  - AB AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 4 Floating leaved, 5 Floating, 6 Unknown Submergent, 7 Unknown Surface
  - RF REEF: 2 Mollusc, 3 Worm
  - OW OPEN WATER: Unknown Bottom
- **2 – Intertidal**
  - AB AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 6 Unknown Submergent, 7 Unknown Surface
  - RF REEF: 2 Mollusc, 3 Worm
  - FL FLAT: 1 Cobble Gravel, 2 Sand, 3 Mud, 4 Organic, 5 Vegetated Pioneer, 6 Vegetated Non pioneer
  - SB STREAMBED: 1 Cobble Gravel, 2 Sand, 3 Mud, 4 Organic
  - RS ROCKY SHORE: 1 Bedrock, 2 Boulder, 6 Vegetated Non pioneer
  - BB BEACH BAR: 1 Cobble Gravel, 2 Sand
  - EM EMERGENT: 1 Persistent, 2 Nonpersistent, 3 Narrow leaved Nonpersistent, 4 Broad leaved Nonpersistent, 5 Narrow leaved Persistent, 6 Broad leaved Persistent
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  - FO FORESTED: 1 Broad leaved Deciduous, 3 Broad leaved Evergreen, 4 Needle leaved Evergreen, 5 Dead, 6 Deciduous, 7 Evergreen

R – RIVERINE

- 1 – Tidal; 2 – Lower Perennial; 3 – Upper Perennial; 4 Intermittent; 5 – Unknown Perennial
  - EM EMERGENT (1): 2 Nonpersistent, 3 Narrow leaved Nonpersistent, 4 Broad leaved Nonpersistent
  - RB ROCK BOTTOM: 1 Bedrock, 2 Boulder
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  - FL FLAT: 1 Cobble Gravel, 2 Sand, 3 Mud, 4 Organic, 5 Vegetated Pioneer, 6 Vegetated Non pioneer
  - SB STREAMBED: 1 Cobble Gravel, 2 Sand, 3 Mud, 4 Organic
  - RS ROCKY SHORE: 1 Bedrock, 2 Boulder
  - BB BEACH BAR: 1 Cobble Gravel, 2 Sand
  - OW OPEN WATER: Unknown Bottom

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L – LACUSTRINE

- **1 – Limnetic**
  - RB ROCK BOTTOM: 1 Bedrock, 2 Boulder
  - UB UNCONSOLIDATED BOTTOM: 1 Cobble Gravel, 2 Sand, 3 Mud, 4 Organic
  - AB AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 3 Submergent Moss, 4 Floating leaved, 5 Floating, 6 Unknown Submergent, 7 Unknown Surface
  - OW OPEN WATER: Unknown Bottom
- **2 – Littoral**
  - RB ROCK BOTTOM: 1 Bedrock, 2 Boulder
  - UB UNCONSOLIDATED BOTTOM: 1 Cobble Gravel, 2 Sand, 3 Mud, 4 Organic
  - AB AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 3 Submergent Moss, 4 Floating leaved, 5 Floating, 6 Unknown Submergent, 7 Unknown Surface
  - FL FLAT: 1 Cobble Gravel, 2 Sand, 3 Mud, 4 Organic, 5 Vegetated Pioneer, 6 Vegetated Non pioneer
  - RS ROCKY SHORE: 1 Bedrock, 2 Boulder
  - BB BEACH BAR
  - EM EMERGENT
  - OW OPEN WATER: Unknown Bottom

P – PALUSTRINE

No Subsystem

- RB ROCK BOTTOM: 1 Bedrock, 2 Boulder
- UB UNCONSOLIDATED BOTTOM: 1 Cobble Gravel, 2 Sand, 3 Mud, 4 Organic
- AB AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 3 Submergent Moss, 4 Floating leaved, 5 Floating, 6 Unknown Submergent, 7 Unknown Surface
- FL FLAT: 1 Cobble Gravel, 2 Sand, 3 Mud, 4 Organic, 5 Vegetated Pioneer, 6 Vegetated Non pioneer
- ML MOSS LICHEN: 1 Moss, 2 Lichen
- EM EMERGENT: 1 Persistent, 2 Nonpersistent, 3 Narrow leaved Nonpersistent, 4 Broad leaved Nonpersistent, 5 Narrow leaved Persistent, 6 Broad leaved Persistent
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- OW OPEN WATER: Unknown Bottom

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E Seasonal Saturated	W Intermittently Flooded Temporary	P Irregular	U Unknown	5 Mesohaline					
F Semipermanent	Y Saturated Semipermanent Seasonal			6 Oligohaline					
G Intermittently Exposed	U Unknown			0 Fresh					

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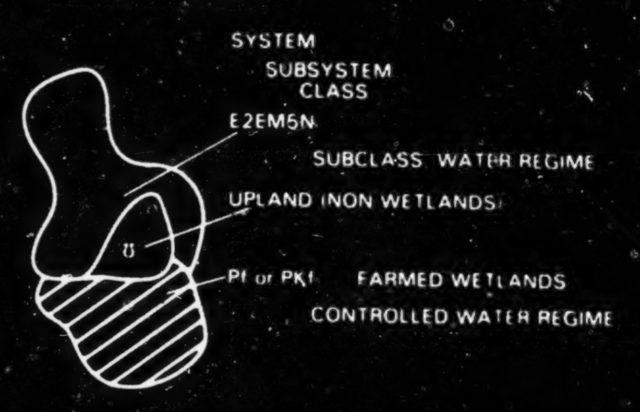

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TUPELO NE
CORNITH

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RIPLEY SW	RIPLEY SE	BALDWYN	WHEELER	MARIETTA	PADEN SE	BELMONT	PLEASANT SITE

NW · NC · NE · SW · SC · SE

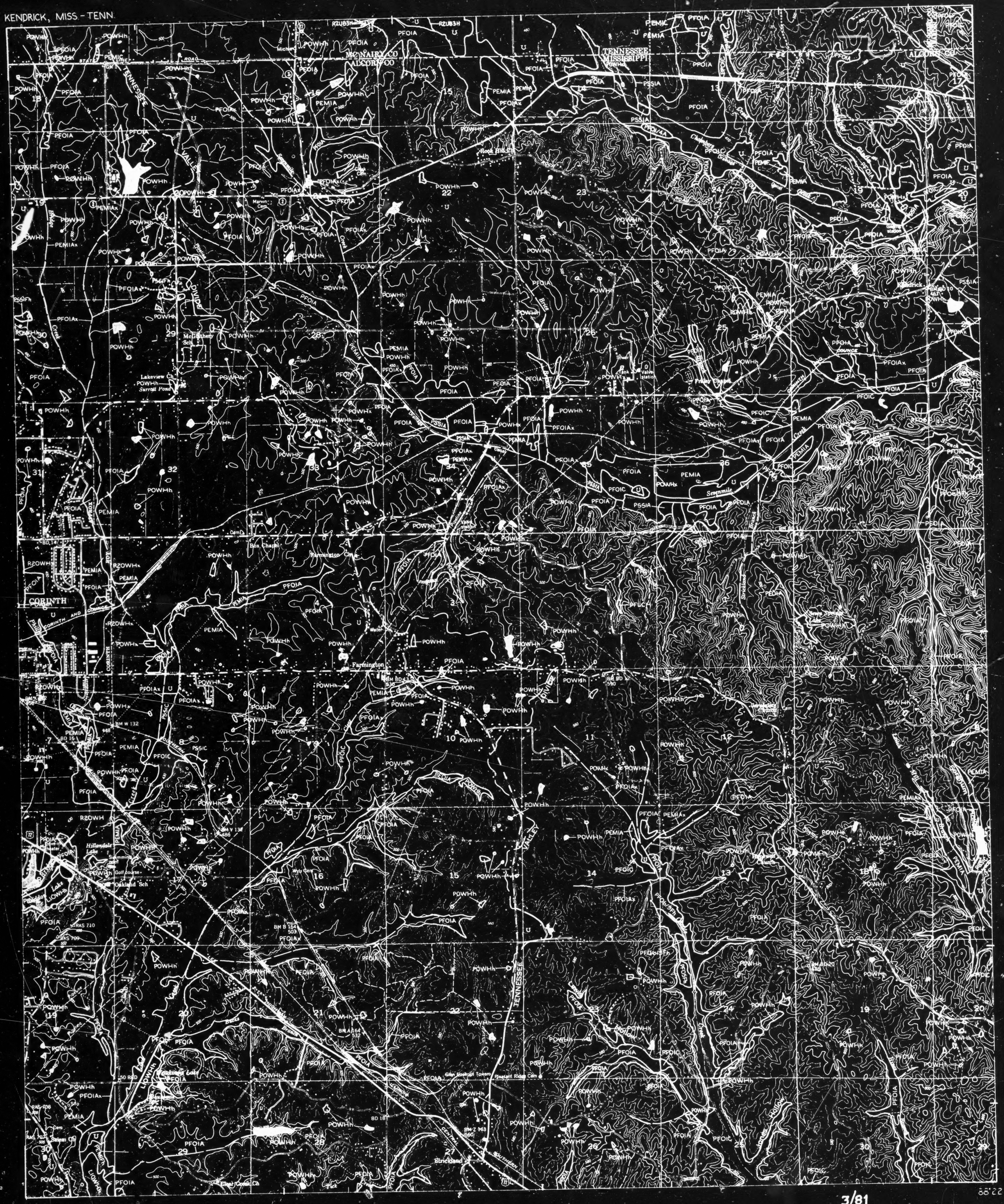
GRID

NATIONAL WETLANDS INVENTORY

UNITED STATES DEPARTMENT OF THE INTERIOR

2TPL-6

KENDRICK, MISS-TENN



TUPELO NE
CORINTH

3/81

KENDRICK, MISS-TENN

SCALE 1:24000

WETLAND LEGEND

Ū – Primarily represents upland areas, but may include unclassified wetlands such as man-modified areas, non photo-identifiable areas and/or unintentional omissions.

ECOLOGICAL SYSTEM — Ecological Subsystem — CLASS — Subclass

M – MARINE

- 1 – Subtidal
  - RB ROCK BOTTOM: 1 Bedrock; 2 Boulder
  - UB UNCONSOLIDATED BOTTOM: 1 Cobble Gravel; 2 Sand; 3 Mud; 4 Organic
  - AB AQUATIC BED: 1 Submergent Algal; 2 Submergent Vascular; 6 Unknown Submergent
  - RF REEF: 1 Coral; 3 Worm
  - OW OPEN WATER Unknown Bottom
- 2 – Intertidal
  - AB AQUATIC BED: 1 Submergent Algal; 2 Submergent Vascular; 6 Unknown Submergent
  - RF REEF: 1 Coral; 3 Worm
  - FL FLAT: 1 Cobble/Gravel; 2 Sand; 3 Mud; 6 Vegetated Non pioneer
  - RS ROCKY SHORE: 1 Bedrock; 2 Boulder; 6 Vegetated Non pioneer
  - BB BEACH/BAR: 1 Cobble Gravel; 2 Sand

E – ESTUARINE

- 1 – Subtidal
  - RB ROCK BOTTOM: 1 Bedrock; 2 Boulder
  - UB UNCONSOLIDATED BOTTOM: 1 Cobble/Gravel; 2 Sand; 3 Mud; 4 Organic
  - AB AQUATIC BED: 1 Submergent Algal; 2 Submergent Vascular; 4 Floating leaved; 5 Floating; 6 Unknown Submergent; 7 Unknown Surface
  - RF REEF: 2 Mollusc; 3 Worm
  - OW OPEN WATER Unknown Bottom
- 2 – Intertidal
  - AB AQUATIC BED: 1 Submergent Algal; 2 Submergent Vascular; 6 Unknown Submergent; 7 Unknown Surface
  - RF REEF: 2 Mollusc; 3 Worm
  - FL FLAT: 1 Cobble/Gravel; 2 Sand; 3 Mud; 4 Organic; 5 Vegetated Pioneer; 6 Vegetated Non pioneer
  - SB STREAMBED: 1 Cobble/Gravel; 2 Sand; 3 Mud; 4 Organic
  - RS ROCKY SHORE: 1 Bedrock; 2 Boulder; 6 Vegetated Non pioneer
  - BB BEACH/BAR: 1 Cobble Gravel; 2 Sand
  - EM EMERGENT: 1 Persistent; 2 Nonpersistent; 3 Narrow leaved Nonpersistent; 4 Broad leaved Nonpersistent; 5 Narrow leaved Persistent; 6 Broad leaved Persistent
  - SS SCRUB/SHRUB: 1 Broad leaved Deciduous; 3 Broad leaved Evergreen; 4 Needle leaved Evergreen; 5 Dead; 6 Deciduous; 7 Evergreen
  - FO FORESTED: 1 Broad leaved Deciduous; 3 Broad leaved Evergreen; 4 Needle leaved Evergreen; 5 Dead; 6 Deciduous; 7 Evergreen

R – RIVERINE

Subsystems: 1 – Tidal; 2 – Lower Perennial; 3 – Upper Perennial; 4 – Intermittent; 5 – Unknown Perennial

- EM EMERGENT(1): 2 Nonpersistent; 3 Narrow leaved Nonpersistent; 4 Broad leaved Nonpersistent
- RB ROCK BOTTOM: 1 Bedrock; 2 Boulder
- UB UNCONSOLIDATED BOTTOM: 1 Cobble/Gravel; 2 Sand; 3 Mud; 4 Organic
- AB AQUATIC BED: 1 Submergent Algal; 2 Submergent Vascular; 3 Submergent Moss; 4 Floating leaved; 5 Floating; 6 Unknown Submergent; 7 Unknown Surface
- FL FLAT: 1 Cobble/Gravel; 2 Sand; 3 Mud; 4 Organic; 5 Vegetated Pioneer; 6 Vegetated Non pioneer
- SB STREAMBED: 1 Cobble/Gravel; 2 Sand; 3 Mud; 4 Organic
- RS ROCKY SHORE: 1 Bedrock; 2 Boulder
- BB BEACH/BAR: 1 Cobble/Gravel; 2 Sand
- OW OPEN WATER Unknown Bottom

(1) EM EMERGENTS are only found in the Riverine Tidal and Riverine Lower Perennial Ecological Subsystem. All other classes are found in all Riverine Ecological Subsystems.

L – LACUSTRINE

- 1 – Limnetic
  - RB ROCK BOTTOM: 1 Bedrock; 2 Boulder
  - UB UNCONSOLIDATED BOTTOM: 1 Cobble/Gravel; 2 Sand; 3 Mud; 4 Organic
  - AB AQUATIC BED: 1 Submergent Algal; 2 Submergent Vascular; 3 Submergent Moss; 4 Floating leaved; 5 Floating; 6 Unknown Submergent; 7 Unknown Surface
  - OW OPEN WATER Unknown Bottom
- 2 – Littoral
  - RB ROCK BOTTOM: 1 Bedrock; 2 Boulder
  - UB UNCONSOLIDATED BOTTOM: 1 Cobble Gravel; 2 Sand; 3 Mud; 4 Organic
  - AB AQUATIC BED: 1 Submergent Algal; 2 Submergent Vascular; 3 Submergent Moss; 4 Floating leaved; 5 Floating; 6 Unknown Submergent; 7 Unknown Surface
  - FL FLAT: 1 Cobble/Gravel; 2 Sand; 3 Mud; 4 Organic; 5 Vegetated Pioneer; 6 Vegetated Non pioneer
  - RS ROCKY SHORE: 1 Bedrock; 2 Boulder
  - BB BEACH BAR: 1 Cobble Gravel; 2 Sand
  - EM EMERGENT: 2 Nonpersistent; 3 Narrow leaved Nonpersistent; 4 Broad leaved Nonpersistent
  - OW OPEN WATER Unknown Bottom

P – PALUSTRINE

ECOLOGICAL SYSTEM — No Subsystem — CLASS — Subclass

- RB ROCK BOTTOM: 1 Bedrock; 2 Boulder
- UB UNCONSOLIDATED BOTTOM: 1 Cobble/Gravel; 2 Sand; 3 Mud; 4 Organic
- AB AQUATIC BED: 1 Submergent Algal; 2 Submergent Vascular; 3 Submergent Moss; 4 Floating leaved; 5 Floating; 6 Unknown Submergent; 7 Unknown Surface
- FL FLAT: 1 Cobble/Gravel; 2 Sand; 3 Mud; 4 Organic; 5 Vegetated Pioneer; 6 Vegetated Non pioneer
- ML MOSS-LICHEN: 1 Moss; 2 Lichen
- EM EMERGENT: 1 Persistent; 2 Nonpersistent; 3 Narrow leaved Nonpersistent; 4 Broad leaved Nonpersistent; 5 Narrow leaved Persistent; 6 Broad leaved Persistent
- SS SCRUB-SHRUB: 1 Broad leaved Deciduous; 2 Needle leaved Deciduous; 3 Broad leaved Evergreen; 4 Needle leaved Evergreen; 5 Dead; 6 Deciduous; 7 Evergreen
- FO FORESTED: 1 Broad leaved Deciduous; 2 Needle leaved Deciduous; 3 Broad leaved Evergreen; 4 Needle leaved Evergreen; 5 Dead; 6 Deciduous; 7 Evergreen
- OW OPEN WATER Unknown Bottom

MODIFYING TERMS

In order to more adequately describe wetland and aquatic habitats one or more of the water regime, water chemistry, soil, or special modifiers may be applied at the class or lower level in the hierarchy. The farmed modifier may also be applied to the ecological system.

WATER REGIME(1) Non-Tidal		WATER REGIME(1) Tidal		WATER CHEMISTRY Coastal Salinity	WATER CHEMISTRY Inland Salinity	WATER CHEMISTRY pH Modifiers for all Fresh Water	SOIL	SPECIAL MODIFIERS	
A Temporary	H Permanent	K Artificial	R Seasonal Tidal	1 Hyperhaline	7 Hypersaline	a Acid	g Organic	b Beaver	h Diked/Impounded
B Saturated	J Intermittently Flooded	L Subtidal	S Temporary Tidal	2 Euhaline	8 Eusaline	t Circumneutral	n Mineral	d Partially Drained/Ditched	r Artificial
C Seasonal	K Artificial	M Irregularly Exposed	T Semipermanent Tidal	3 Mixohaline (Brackish)	9 Mixosaline	i Alkaline		f Farmed	s Spoil
D Seasonal Well-drained	Z Intermittently Exposed/Permanent	N Regular	V Permanent Tidal	4 Polyhaline	0 Fresh				x Excavated
E Seasonal Saturated	W Intermittently Flooded/Temporary	P Irregular	U Unknown	5 Mesohaline					
F Semipermanent	Y Saturated/Semipermanent/Seasonal			6 Oligohaline					
G Intermittently Exposed	U Unknown			0 Fresh					

(1) Information on the water regime modifiers found on this legend, but not found in the classification system, may be obtained from the above listed source.

SPECIAL NOTE

This document was prepared primarily by stereoscopic analysis of high altitude aerial photographs. Wetlands were identified on the photographs based on vegetation, visible hydrology, and geography in accordance with **Classification of Wetlands and Deep-Water Habitats of the United States** (An Operational Draft), Cowardin, et al, 1977. The aerial photographs typically reflect conditions during the specific year and season when they were taken. In addition, there is a margin of error inherent in the use of the aerial photographs. Thus, a detailed on the ground and historical analysis of a single site may result in a revision of the wetland boundaries established through photographic interpretation. In addition, some small wetlands and those obscured by dense forest cover may not be included on this document.

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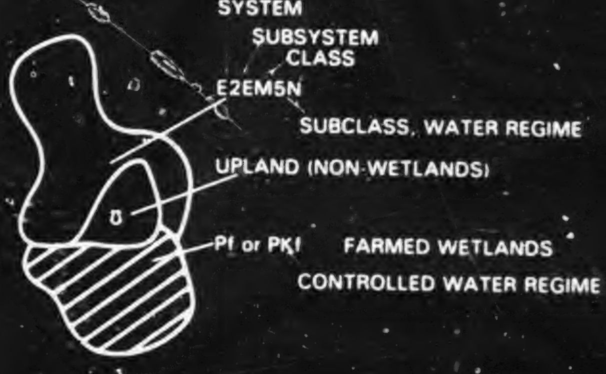
SYMBOLOGY EXAMPLE



NOTES TO THE USER

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- Dominance type (either vegetative or sedentary animal) can be added to the map by the interested user
- Additions or corrections to the wetlands information displayed on this map are solicited. Please forward such information to the address indicated

MICROFICHE INDEX
TUPELO NE
CORNITH

NW		NC			NE		
WALNUT NW	WALNUT NE	CORINTH NW	CORINTH NE	KENDRICK	DOSKIE	YELLOW CREEK	WATERLOO
WALNUT SW	WALNUT SE	CORINTH SW	CORINTH SE	GLENS	BURNSVILLE	IUKA	MARGERUM
SW		**SC**			**SE**		
RIPLEY NW	RIPLEY NE	JUMPERTOWN	BOONEVILLE	ALTITUDE	PADEN	TISHOMINGO	BISHOP
RIPLEY SW	RIPLEY SE	BALDWYN	WHEELER	MARIETTA	PADEN SE	BELMONT	PLEASANT SITE

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
CORINTH - SW, MISS.

NATIONAL WETLANDS INVENTORY
UNITED STATES DEPARTMENT OF THE INTERIOR

MISSISSIPPI
7.5 MINUTE SERIES ORTHOPHOTOQUAD

C-1

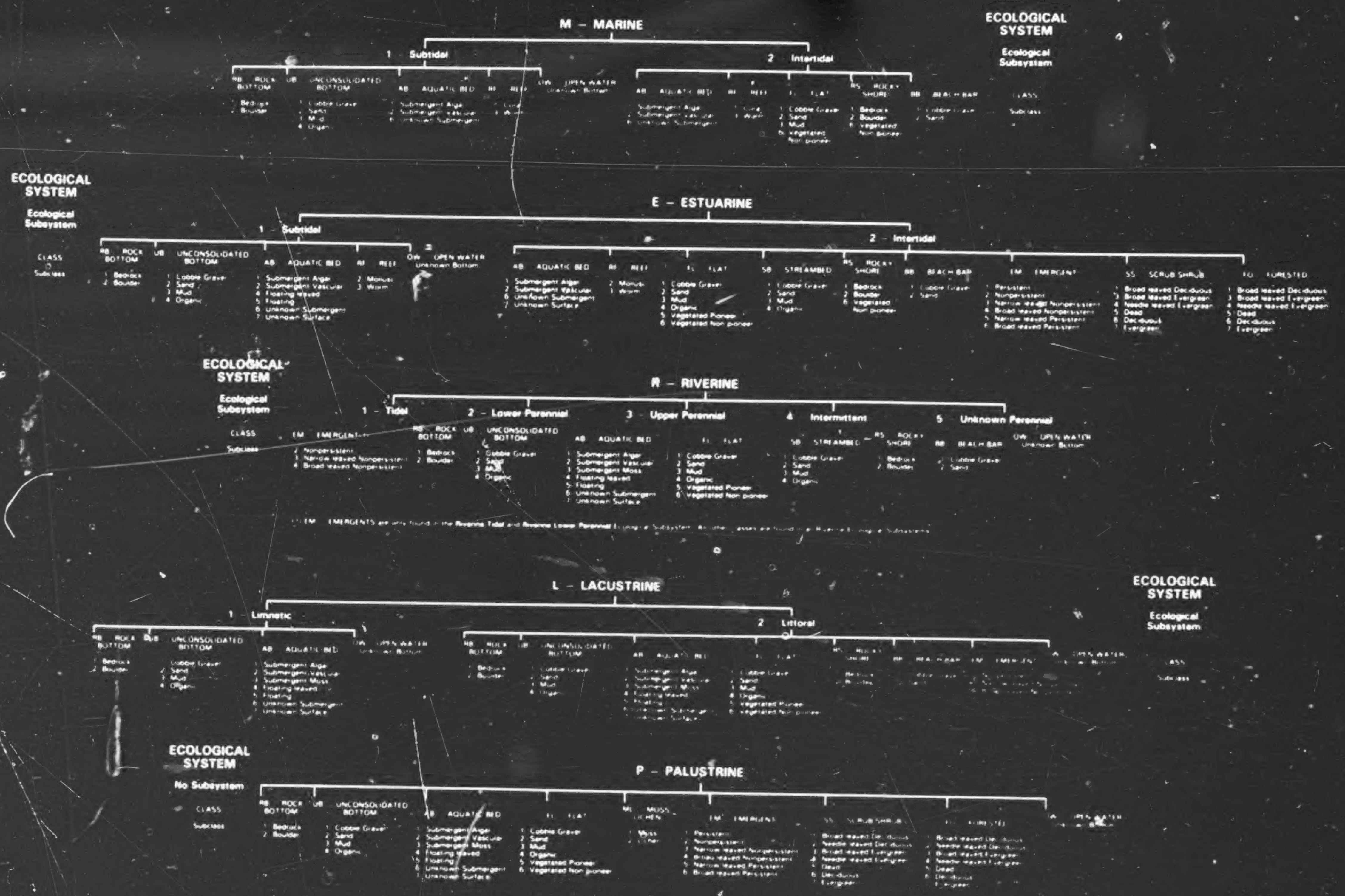
TUPELO NE
CORINTH

SCALE 1:24 000

3/81
88°37'30"
CORINTH SW, MISS.

WETLAND LEGEND

Ʊ – Primarily represents **upland** areas, but may include unclassified wetlands such as man-modified areas, non photo-identifiable areas and/or unintentional omissions.



MODIFYING TERMS

In order to more adequately describe wetland and aquatic habitats one or more of the water regime, water chemistry, soil, or special modifiers may be applied at the class or lower level in the hierarchy. The farmed modifier may also be applied to the ecological system.

WATER REGIME(1) Non-Tidal		WATER REGIME(1) Tidal		WATER CHEMISTRY Coastal Salinity	WATER CHEMISTRY Inland Salinity	WATER CHEMISTRY pH Modifiers for all Fresh Water	SOIL	SPECIAL MODIFIERS	
A Temporary	H Permanent	K Artificial	R Seasonal-Tidal	1 Hyperhaline	7 Hypersaline	a Acid	g Organic	b Beaver	h Diked/Impounded
B Saturated	J Intermittently Flooded	L Subtidal	S Temporary-Tidal	2 Euhaline	8 Eusaline	t Circumneutral	n Mineral	d Partially Drained/Ditched	r Artificial
C Seasonal	K Artificial	M Irregularly Exposed	T Semipermanent-Tidal	3 Mixohaline (Brackish)	9 Mixosaline	i Alkaline		f Farmed	s Spoil
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E Seasonal-Saturated	W Intermittently Flooded/Temporary	P Irregular	U Unknown	5 Mesohaline					
F Semipermanent	Y Saturated/Semipermanent/Seasonal			6 Oligohaline					
G Intermittently Exposed	U Unknown			0 Fresh					

(1) Information on the water regime modifiers found on this legend, but not found in the classification system, may be obtained from the above listed source.

SPECIAL NOTE

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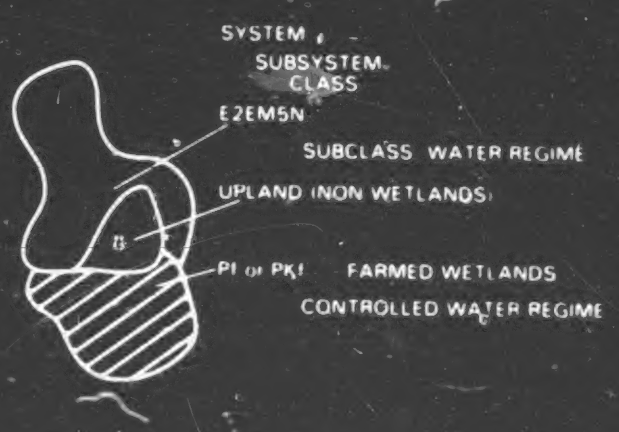
SYMBOLOGY EXAMPLE



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MICROFICHE INDEX
TUPELO NE
CORNITH

NW		NC			NE		
WALNUT NW	WALNUT NE	CORINTH NW	CORINTH NE	KENDRICK	DOSKIE	YELLOW CREEK	WATERLOO
WALNUT SW	WALNUT SE	CORINTH SW	CORINTH SE	GLENS	BURNSVILLE	IUKA	MARGERUM
SW		**SC**			**SE**		
RIPLEY NW	RIPLEY NE	JUMPERTOWN	BOONEVILLE	ALTITUDE	PADEN	TISHOMINGO	BISHOP
RIPLEY SW	RIPLEY SE	BALDWYN	WHEELER	MARIETTA	PADEN SE	BELMONT	PLEASANT SITE

GRID

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
CORINTH SE, MISS

NATIONAL WETLANDS INVENTORY
UNITED STATES DEPARTMENT OF THE INTERIOR

CORINTH SE QUADRANGLE
MISSISSIPPI
7.5 MINUTE SERIES ORTHOPHOTOQUAD

C-1

9

TUPELO NE
CORINTH

Geological Survey

prepared from 1:80,000 scale
taken February 24, 1975

North American datum

Photoimages transformed by scanning techniques
which may produce double or mismatched images;
use the mean of image positions for map point

SCALE 1:24 000

4/80
CORINTH SE, MISS

WETLAND LEGEND

U – Primarily represents **upland** areas, but may include unclassified wetlands such as man-modified areas, non photo-identifiable areas and/or unintentional omissions.

ECOLOGICAL SYSTEM / Ecological Subsystem / CLASS / Subclass

M – MARINE

1 Subtidal
- RB ROCK BOTTOM: 1 Bedrock, 2 Boulder
- UB UNCONSOLIDATED BOTTOM: 1 Cobble-Gravel, 2 Sand, 3 Mud, 4 Organic
- AB AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 6 Unknown Submergent
- RF REEF: 1 Coral, 3 Worm
- OW OPEN WATER Unknown Bottom

2 Intertidal
- AB AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 6 Unknown Submergent
- RF REEF: 1 Coral, 3 Worm
- FL FLAT: 1 Cobble-Gravel, 2 Sand, 3 Mud, 6 Vegetated Non-pioneer
- RS ROCKY SHORE: 1 Bedrock, 2 Boulder, 6 Vegetated Non-pioneer
- BB BEACH BAR: 1 Cobble-Gravel, 2 Sand

E – ESTUARINE

1 – Subtidal
- RB ROCK BOTTOM: 1 Bedrock, 2 Boulder
- UB UNCONSOLIDATED BOTTOM: 1 Cobble-Gravel, 2 Sand, 3 Mud, 4 Organic
- AB AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 4 Floating-leaved, 5 Floating, 6 Unknown Submergent, 7 Unknown Surface
- RF REEF: 2 Mollusk, 3 Worm
- OW OPEN WATER Unknown Bottom

2 Intertidal
- AB AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 6 Unknown Submergent, 7 Unknown Surface
- RF REEF: 2 Mollusk, 3 Worm
- FL FLAT: 1 Cobble-Gravel, 2 Sand, 3 Mud, 4 Organic, 5 Vegetated Pioneer, 6 Vegetated Non-pioneer
- SB STREAMBED: 1 Cobble-Gravel, 2 Sand, 3 Mud, 4 Organic
- RS ROCKY SHORE: 1 Bedrock, 2 Boulder, 6 Vegetated Non-pioneer
- BB BEACH BAR: 1 Cobble-Gravel, 2 Sand
- EM EMERGENT: 1 Persistent, 2 Nonpersistent, 3 Narrow-leaved Nonpersistent, 4 Broad-leaved Nonpersistent, 5 Narrow-leaved Persistent, 6 Broad-leaved Persistent
- SS SCRUB SHRUB: 1 Broad-leaved Deciduous, 3 Broad-leaved Evergreen, 4 Needle-leaved Evergreen, 5 Dead, 6 Deciduous, 7 Evergreen
- FO FORESTED: 1 Broad-leaved Deciduous, 3 Broad-leaved Evergreen, 4 Needle-leaved Evergreen, 5 Dead, 6 Deciduous, 7 Evergreen

R – RIVERINE

1 – Tidal; 2 – Lower Perennial; 3 – Upper Perennial; 4 Intermittent; 5 – Unknown Perennial

- EM EMERGENT(1): 2 Nonpersistent, 3 Narrow-leaved Nonpersistent, 4 Broad-leaved Nonpersistent
- RB ROCK BOTTOM: 1 Bedrock, 2 Boulder
- UB UNCONSOLIDATED BOTTOM: 1 Cobble-Gravel, 2 Sand, 3 Mud, 4 Organic
- AB AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 3 Submergent Moss, 4 Floating-leaved, 5 Floating, 6 Unknown Submergent, 7 Unknown Surface
- FL FLAT: 1 Cobble-Gravel, 2 Sand, 3 Mud, 4 Organic, 5 Vegetated Pioneer, 6 Vegetated Non-pioneer
- SB STREAMBED: 1 Cobble-Gravel, 2 Sand, 3 Mud, 4 Organic
- RS ROCKY SHORE: 1 Bedrock, 2 Boulder
- BB BEACH BAR: 1 Cobble-Gravel, 2 Sand
- OW OPEN WATER Unknown Bottom

(1) EM – EMERGENTS are only found in the **Riverine Tidal** and **Riverine Lower Perennial** Ecological Subsystem. All other classes are found in all Riverine Ecological Subsystems.

L – LACUSTRINE

1 – Limnetic
- RB ROCK BOTTOM: 1 Bedrock, 2 Boulder
- UB UNCONSOLIDATED BOTTOM: 1 Cobble-Gravel, 2 Sand, 3 Mud, 4 Organic
- AB AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 3 Submergent Moss, 4 Floating-leaved, 5 Floating, 6 Unknown Submergent, 7 Unknown Surface
- OW OPEN WATER Unknown Bottom

2 Littoral
- RB ROCK BOTTOM: 1 Bedrock, 2 Boulder
- UB UNCONSOLIDATED BOTTOM: 1 Cobble-Gravel, 2 Sand, 3 Mud, 4 Organic
- AB AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 3 Submergent Moss, 4 Floating-leaved, 5 Floating, 6 Unknown Submergent, 7 Unknown Surface
- FL FLAT: 1 Cobble-Gravel, 2 Sand, 3 Mud, 4 Organic, 5 Vegetated Pioneer, 6 Vegetated Non-pioneer
- RS ROCKY SHORE: 1 Bedrock, 2 Boulder
- BB BEACH BAR
- EM EMERGENT
- OW OPEN WATER Unknown Bottom

P – PALUSTRINE

ECOLOGICAL SYSTEM — No Subsystem

- RB ROCK BOTTOM: 1 Bedrock, 2 Boulder
- UB UNCONSOLIDATED BOTTOM: 1 Cobble-Gravel, 2 Sand, 3 Mud, 4 Organic
- AB AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 3 Submergent Moss, 4 Floating-leaved, 5 Floating, 6 Unknown Submergent, 7 Unknown Surface
- FL FLAT: 1 Cobble-Gravel, 2 Sand, 3 Mud, 4 Organic, 5 Vegetated Pioneer, 6 Vegetated Non-pioneer
- ML MOSS LICHEN: 1 Moss, 2 Lichen
- EM EMERGENT: 1 Persistent, 2 Nonpersistent, 3 Narrow-leaved Nonpersistent, 4 Broad-leaved Nonpersistent, 5 Narrow-leaved Persistent, 6 Broad-leaved Persistent
- SS SCRUB SHRUB: 1 Broad-leaved Deciduous, 2 Needle-leaved Deciduous, 3 Broad-leaved Evergreen, 4 Needle-leaved Evergreen, 5 Dead, 6 Deciduous, 7 Evergreen
- FO FORESTED: 1 Broad-leaved Deciduous, 2 Needle-leaved Deciduous, 3 Broad-leaved Evergreen, 4 Needle-leaved Evergreen, 5 Dead, 6 Deciduous, 7 Evergreen
- OW OPEN WATER Unknown Bottom

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WATER REGIME(1) Non-Tidal		Tidal		WATER CHEMISTRY Coastal Salinity	Inland Salinity	pH Modifiers for all Fresh Water	SOIL	SPECIAL MODIFIERS	
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C Seasonal	K Artificial	M Irregularly Exposed	T Semipermanent Tidal	3 Mixohaline (Brackish)	9 Mixosaline	i Alkaline		f Farmed	s Spoil
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E Seasonal Saturated	W Intermittently Flooded Temporary	P Irregular	U Unknown	5 Mesohaline					
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G Intermittently Exposed	U Unknown			0 Fresh					

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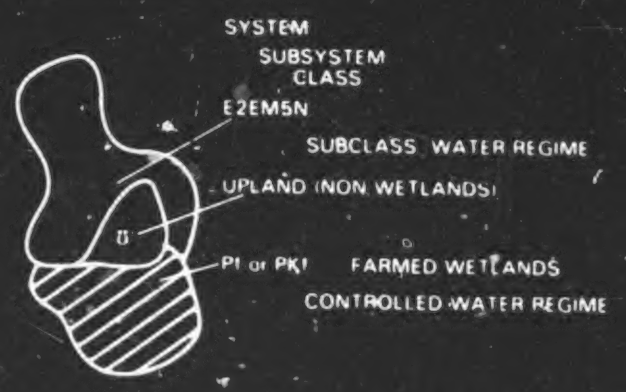

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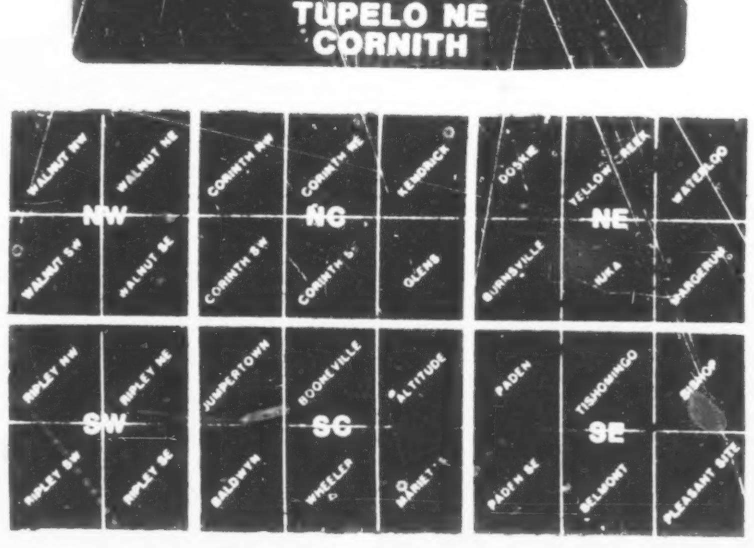
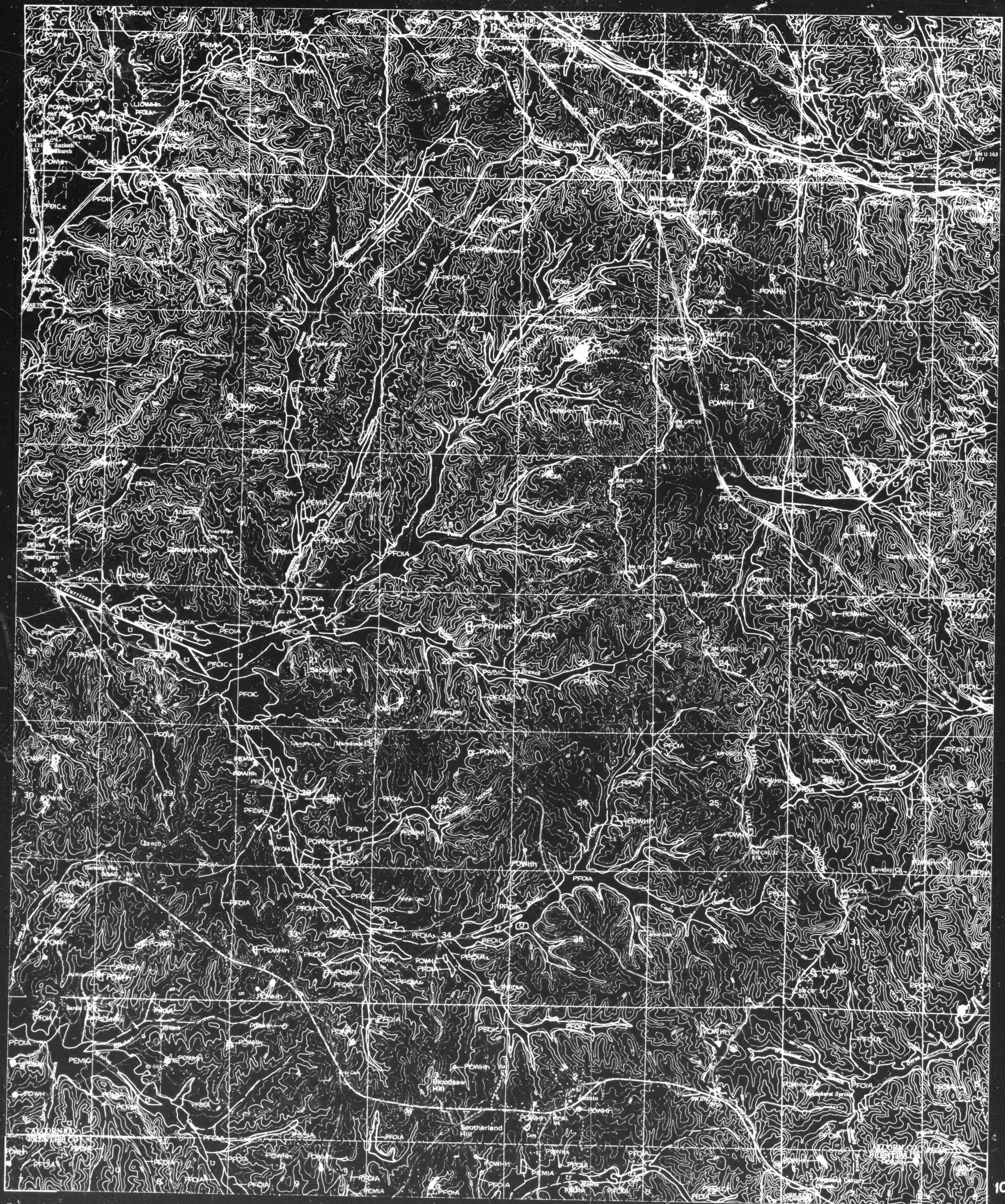


GRID

NATIONAL WETLANDS INVENTORY
UNITED STATES DEPARTMENT OF THE INTERIOR

GLENS, MISS.

2TPL-2



10

TUPELO NE
CORINTH

3/81

34°45'
88°22'30"

GLENS, MISS.

SCALE 1:24 000

WETLAND LEGEND

U – Primarily represents upland areas, but may include unclassified wetlands such as man-modified areas, non photo-identifiable areas and/or unintentional omissions.

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  - RB ROCK BOTTOM: 1 Bedrock; 2 Boulder
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  - AB AQUATIC BED: 1 Submergent Algal; 2 Submergent Vascular; 6 Unknown Submergent
  - RF REEF: 1 Coral; 3 Worm
  - OW OPEN WATER Unknown Bottom
- 2 – Intertidal
  - AB AQUATIC BED: 1 Submergent Algal; 2 Submergent Vascular; 6 Unknown Submergent
  - RF REEF: 1 Coral; 3 Worm
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  - BB BEACH/BAR: 1 Cobble Gravel; 2 Sand

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  - OW – OPEN WATER Unknown Bottom
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- 1 – Tidal; 2 – Lower Perennial; 3 – Upper Perennial; 4 – Intermittent; 5 – Unknown Perennial
  - EM – EMERGENT(1): 2 Nonpersistent; 3 Narrow leaved Nonpersistent; 4 Broad leaved Nonpersistent
  - RB – ROCK BOTTOM: 1 Bedrock; 2 Boulder
  - UB – UNCONSOLIDATED BOTTOM: 1 Cobble/Gravel; 2 Sand; 3 Mud; 4 Organic
  - AB – AQUATIC BED: 1 Submergent Algal; 2 Submergent Vascular; 3 Submergent Moss; 4 Floating leaved; 5 Floating; 6 Unknown Submergent; 7 Unknown Surface
  - FL – FLAT: 1 Cobble/Gravel; 2 Sand; 3 Mud; 4 Organic; 5 Vegetated Pioneer; 6 Vegetated Non pioneer
  - SB – STREAMBED: 1 Cobble/Gravel; 2 Sand; 3 Mud; 4 Organic
  - RS ROCKY SHORE: 1 Bedrock; 2 Boulder
  - BB BEACH/BAR: 1 Cobble/Gravel; 2 Sand
  - OW – OPEN WATER Unknown Bottom

(1) EM EMERGENTS are only found in the Riverine Tidal and Riverine Lower Perennial Ecological Subsystem. All other classes are found in all Riverine Ecological Subsystems.

L – LACUSTRINE

- 1 – Limnetic
  - RB ROCK BOTTOM: 1 Bedrock; 2 Boulder
  - UB UNCONSOLIDATED BOTTOM: 1 Cobble/Gravel; 2 Sand; 3 Mud; 4 Organic
  - AB AQUATIC BED: 1 Submergent Algal; 2 Submergent Vascular; 3 Submergent Moss; 4 Floating leaved; 5 Floating; 6 Unknown Submergent; 7 Unknown Surface
  - OW OPEN WATER Unknown Bottom
- 2 – Littoral
  - RB ROCK BOTTOM: 1 Bedrock; 2 Boulder
  - UB UNCONSOLIDATED BOTTOM: 1 Cobble Gravel; 2 Sand; 3 Mud; 4 Organic
  - AB AQUATIC BED: 1 Submergent Algal; 2 Submergent Vascular; 3 Submergent Moss; 4 Floating leaved; 5 Floating; 6 Unknown Submergent; 7 Unknown Surface
  - FL FLAT: 1 Cobble Gravel; 2 Sand; 3 Mud; 4 Organic; 5 Vegetated Pioneer; 6 Vegetated Non pioneer
  - RS ROCKY SHORE: 1 Bedrock; 2 Boulder
  - BB BEACH BAR: 1 Cobble Gravel; 2 Sand
  - EM EMERGENT: 2 Nonpersistent; 3 Narrow leaved Nonpersistent; 4 Broad leaved Nonpersistent
  - OW OPEN WATER Unknown Bottom

P – PALUSTRINE

ECOLOGICAL SYSTEM – No Subsystem

- RB – ROCK BOTTOM: 1 Bedrock; 2 Boulder
- UB – UNCONSOLIDATED BOTTOM: 1 Cobble/Gravel; 2 Sand; 3 Mud; 4 Organic
- AB AQUATIC BED: 1 Submergent Algal; 2 Submergent Vascular; 3 Submergent Moss; 4 Floating-leaved; 5 Floating; 6 Unknown Submergent; 7 Unknown Surface
- FL FLAT: 1 Cobble/Gravel; 2 Sand; 3 Mud; 4 Organic; 5 Vegetated Pioneer; 6 Vegetated Non pioneer
- ML MOSS LICHEN: 1 Moss; 2 Lichen
- EM EMERGENT: 1 Persistent; 2 Nonpersistent; 3 Narrow leaved Nonpersistent; 4 Broad leaved Nonpersistent; 5 Narrow leaved Persistent; 6 Broad leaved Persistent
- SS SCRUB/SHRUB: 1 Broad leaved Deciduous; 2 Needle leaved Deciduous; 3 Broad leaved Evergreen; 4 Needle leaved Evergreen; 5 Dead; 6 Deciduous; 7 Evergreen
- FO FORESTED: 1 Broad leaved Deciduous; 2 Needle leaved Deciduous; 3 Broad leaved Evergreen; 4 Needle leaved Evergreen; 5 Dead; 6 Deciduous; 7 Evergreen
- OW OPEN WATER Unknown Bottom

MODIFYING TERMS

In order to more adequately describe wetland and aquatic habitats one or more of the water regime, water chemistry, soil, or special modifiers may be applied at the class or lower level in the hierarchy. The farmed modifier may also be applied to the ecological system.

WATER REGIME(1)

Non-Tidal		Tidal	
A Temporary	H Permanent	K Artificial	R Seasonal Tidal
B Saturated	J Intermittently Flooded	L Subtidal	S Temporary Tidal
C Seasonal	K Artificial	M Irregularly Exposed	T Semipermanent Tidal
D Seasonal Well-drained	Z Intermittently Exposed/Permanent	N Regular	V Permanent Tidal
E Seasonal Saturated	W Intermittently Flooded/Temporary	P Irregular	U Unknown
F Semipermanent	Y Saturated/Semipermanent/Seasonal		
G Intermittently Exposed	U Unknown		

WATER CHEMISTRY

Coastal Salinity	Inland Salinity	pH Modifiers for all Fresh Water
1 Hyperhaline	7 Hypersaline	a Acid
2 Euhaline	8 Eusaline	t Circumneutral
3 Mixohaline (Brackish)	9 Mixosaline	i Alkaline
4 Polyhaline	0 Fresh	
5 Mesohaline		
6 Oligohaline		
0 Fresh		

SOIL

SOIL
g Organic
n Mineral

SPECIAL MODIFIERS

b Beaver	h Diked/Impounded
d Partially Drained/Ditched	r Artificial
f Farmed	s Spoil
	x Excavated

(1) Information on the water regime modifiers found on this legend, but not found in the classification system, may be obtained from the above listed source.

SPECIAL NOTE

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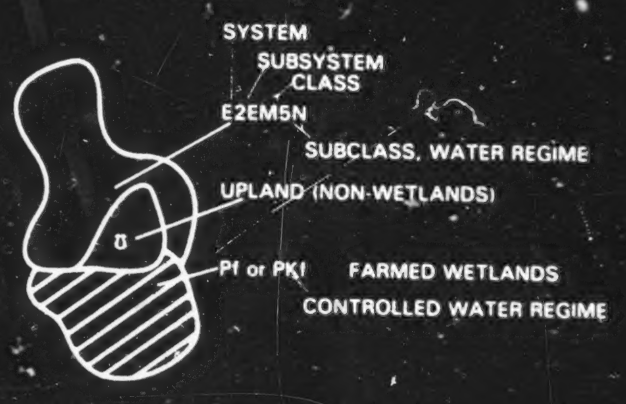
SYMBOLOGY EXAMPLE



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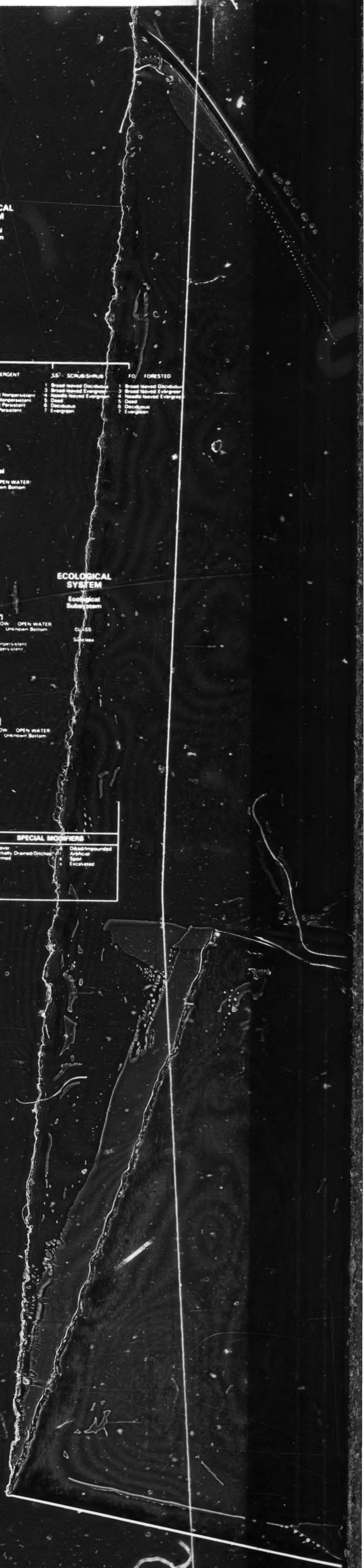

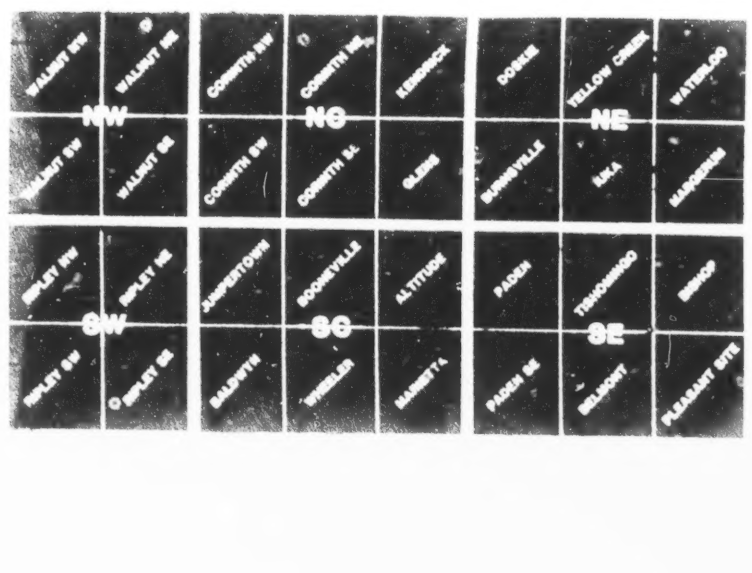

NATIONAL WETLANDS INVENTORY

UNITED STATES DEPARTMENT OF THE INTERIOR

DOSKIE, MISS.-TENN.

TT-10

11

34°52' 30"
88°15'

TUPELO NE
CORINTH

4/80

DOSKIE, MISS.-TENN.

SCALE 1:24 000

WETLAND LEGEND

Ʊ – Primarily represents upland areas, but may include unclassified wetlands such as man-modified areas, non photo-identifiable areas and/or unintentional omissions.

ECOLOGICAL SYSTEM / Ecological Subsystem / CLASS / Subclass

M – MARINE

1 – Subtidal
- RB ROCK BOTTOM: 1 Bedrock, 2 Boulder
- UB UNCONSOLIDATED BOTTOM: 1 Cobble Gravel, 2 Sand, 3 Mud, 4 Organic
- AB AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 6 Unknown Submergent
- RF REEF: 1 Coral, 3 Worm
- OW OPEN WATER Unknown Bottom

2 – Intertidal
- AB AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 6 Unknown Submergent
- RF REEF: 1 Coral, 3 Worm
- FL FLAT: 1 Cobble/Gravel, 2 Sand, 3 Mud, 6 Vegetated Non pioneer
- RS ROCKY SHORE: 1 Bedrock, 2 Boulder, 6 Vegetated, Non pioneer
- BB BEACH BAR: 1 Cobble Gravel, 2 Sand

E – ESTUARINE

1 – Subtidal
- RB – ROCK BOTTOM: 1 Bedrock, 2 Boulder
- UB – UNCONSOLIDATED BOTTOM: 1 Cobble/Gravel, 2 Sand, 3 Mud, 4 Organic
- AB – AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 4 Floating leaved, 5 Floating, 6 Unknown Submergent, 7 Unknown Surface
- RF REEF: 2 Mollusc, 3 Worm
- OW OPEN WATER Unknown Bottom

2 – Intertidal
- AB AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 6 Unknown Submergent, 7 Unknown Surface
- RF REEF: 2 Mollusc, 3 Worm
- FL FLAT: 1 Cobble/Gravel, 2 Sand, 3 Mud, 4 Organic, 5 Vegetated Pioneer, 6 Vegetated Non pioneer
- SB STREAMBED: 1 Cobble/Gravel, 2 Sand, 3 Mud, 4 Organic
- RS ROCKY SHORE: 1 Bedrock, 2 Boulder, 6 Vegetated Non pioneer
- BB BEACH/BAR: 1 Cobble Gravel, 2 Sand
- EM EMERGENT: 1 Persistent, 2 Nonpersistent, 3 Narrow leaved Nonpersistent, 4 Broad leaved Nonpersistent, 5 Narrow leaved Persistent, 6 Broad leaved Persistent
- SS – SCRUB/SHRUB: 1 Broad leaved Deciduous, 3 Broad leaved Evergreen, 4 Needle leaved Evergreen, 5 Dead, 6 Deciduous, 7 Evergreen
- FO FORESTED: 1 Broad leaved Deciduous, 3 Broad leaved Evergreen, 4 Needle leaved Evergreen, 5 Dead, 6 Deciduous, 7 Evergreen

R – RIVERINE

1 – Tidal; 2 – Lower Perennial; 3 – Upper Perennial; 4 – Intermittent; 5 – Unknown Perennial

- EM EMERGENT(1): 2 Nonpersistent, 3 Narrow leaved Nonpersistent, 4 Broad leaved Nonpersistent
- RB – ROCK BOTTOM: 1 Bedrock, 2 Boulder
- UB – UNCONSOLIDATED BOTTOM: 1 Cobble/Gravel, 2 Sand, 3 Mud, 4 Organic
- AB – AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 3 Submergent Moss, 4 Floating leaved, 5 Floating, 6 Unknown Submergent, 7 Unknown Surface
- FL FLAT: 1 Cobble/Gravel, 2 Sand, 3 Mud, 4 Organic, 5 Vegetated Pioneer, 6 Vegetated Non pioneer
- SB – STREAMBED: 1 Cobble/Gravel, 2 Sand, 3 Mud, 4 Organic
- RS ROCKY SHORE: 1 Bedrock, 2 Boulder
- BB BEACH/BAR: 1 Cobble/Gravel, 2 Sand
- OW OPEN WATER Unknown Bottom

(1) EM EMERGENTS are only found in the Riverine Tidal and Riverine Lower Perennial Ecological Subsystem. All other classes are found in all Riverine Ecological Subsystems.

L – LACUSTRINE

1 – Limnetic
- RB ROCK BOTTOM: 1 Bedrock, 2 Boulder
- UB UNCONSOLIDATED BOTTOM: 1 Cobble Gravel, 2 Sand, 3 Mud, 4 Organic
- AB AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 3 Submergent Moss, 4 Floating leaved, 5 Floating, 6 Unknown Submergent, 7 Unknown Surface
- OW OPEN WATER Unknown Bottom

2 – Littoral
- RB ROCK BOTTOM: 1 Bedrock, 2 Boulder
- UB UNCONSOLIDATED BOTTOM: 1 Cobble Gravel, 2 Sand, 3 Mud, 4 Organic
- AB AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 3 Submergent Moss, 4 Floating leaved, 5 Floating, 6 Unknown Submergent, 7 Unknown Surface
- FL FLAT: 1 Cobble/Gravel, 2 Sand, 3 Mud, 4 Organic, 5 Vegetated Pioneer, 6 Vegetated Non pioneer
- RS ROCKY SHORE: 1 Bedrock, 2 Boulder
- BB BEACH BAR: 1 Cobble Gravel, 2 Sand
- EM EMERGENT: 2 Nonpersistent, 3 Narrow leaved Nonpersistent, 4 Broad leaved Nonpersistent
- OW OPEN WATER Unknown Bottom

P – PALUSTRINE

ECOLOGICAL SYSTEM / No Subsystem / CLASS / Subclass

- RB – ROCK BOTTOM: 1 Bedrock, 2 Boulder
- UB UNCONSOLIDATED BOTTOM: 1 Cobble/Gravel, 2 Sand, 3 Mud, 4 Organic
- AB AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 3 Submergent Moss, 4 Floating leaved, 5 Floating, 6 Unknown Submergent, 7 Unknown Surface
- FL FLAT: 1 Cobble/Gravel, 2 Sand, 3 Mud, 4 Organic, 5 Vegetated Pioneer, 6 Vegetated Non pioneer
- ML MOSS LICHEN: 1 Moss, Lichen
- EM EMERGENT: 1 Persistent, 2 Nonpersistent, 3 Narrow leaved Nonpersistent, 4 Broad leaved Nonpersistent, 5 Narrow leaved Persistent, 6 Broad leaved Persistent
- SS SCRUB-SHRUB: 1 Broad leaved Deciduous, 2 Needle leaved Deciduous, 3 Broad leaved Evergreen, 4 Needle leaved Evergreen, 5 Dead, 6 Deciduous, 7 Evergreen
- FO FORESTED: 1 Broad leaved Deciduous, 2 Needle leaved Deciduous, 3 Broad leaved Evergreen, 4 Needle leaved Evergreen, 5 Dead, 6 Deciduous, 7 Evergreen
- OW OPEN WATER Unknown Bottom

MODIFYING TERMS

In order to more adequately describe wetland and aquatic habitats one or more of the water regime, water chemistry, soil, or special modifiers may be applied at the class or lower level in the hierarchy. The farmed modifier may also be applied to the ecological system.

WATER REGIME(1) Non-Tidal		WATER REGIME(1) Tidal		WATER CHEMISTRY Coastal Salinity	WATER CHEMISTRY Inland Salinity	WATER CHEMISTRY pH Modifiers for all Fresh Water	SOIL	SPECIAL MODIFIERS	
A Temporary	H Permanent	K Artificial	R Seasonal Tidal	1 Hyperhaline	7 Hypersaline	a Acid	g Organic	b Beaver	h Diked/Impounded
B Saturated	J Intermittently Flooded	L Subtidal	S Temporary Tidal	2 Euhaline	8 Eusaline	t Circumneutral	n Mineral	d Partially Drained/Ditched	r Artificial
C Seasonal	K Artificial	M Irregularly Exposed	T Semipermanent Tidal	3 Mixohaline (Brackish)	9 Mixosaline	i Alkaline		f Farmed	s Spoil
D Seasonal Well-drained	Z Intermittently Exposed/Permanent	N Regular	V Permanent Tidal	4 Polyhaline	0 Fresh				x Excavated
E Seasonal Saturated	W Intermittently Flooded/Temporary	P Irregular	U Unknown	5 Mesohaline					
F Semipermanent	Y Saturated/Semipermanent/Seasonal			6 Oligohaline					
G Intermittently Exposed	U Unknown			0 Fresh					

(1) Information on the water regime modifiers found on this legend, but not found in the classification system, may be obtained from the above listed source

SPECIAL NOTE

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SYMBOLOGY EXAMPLE

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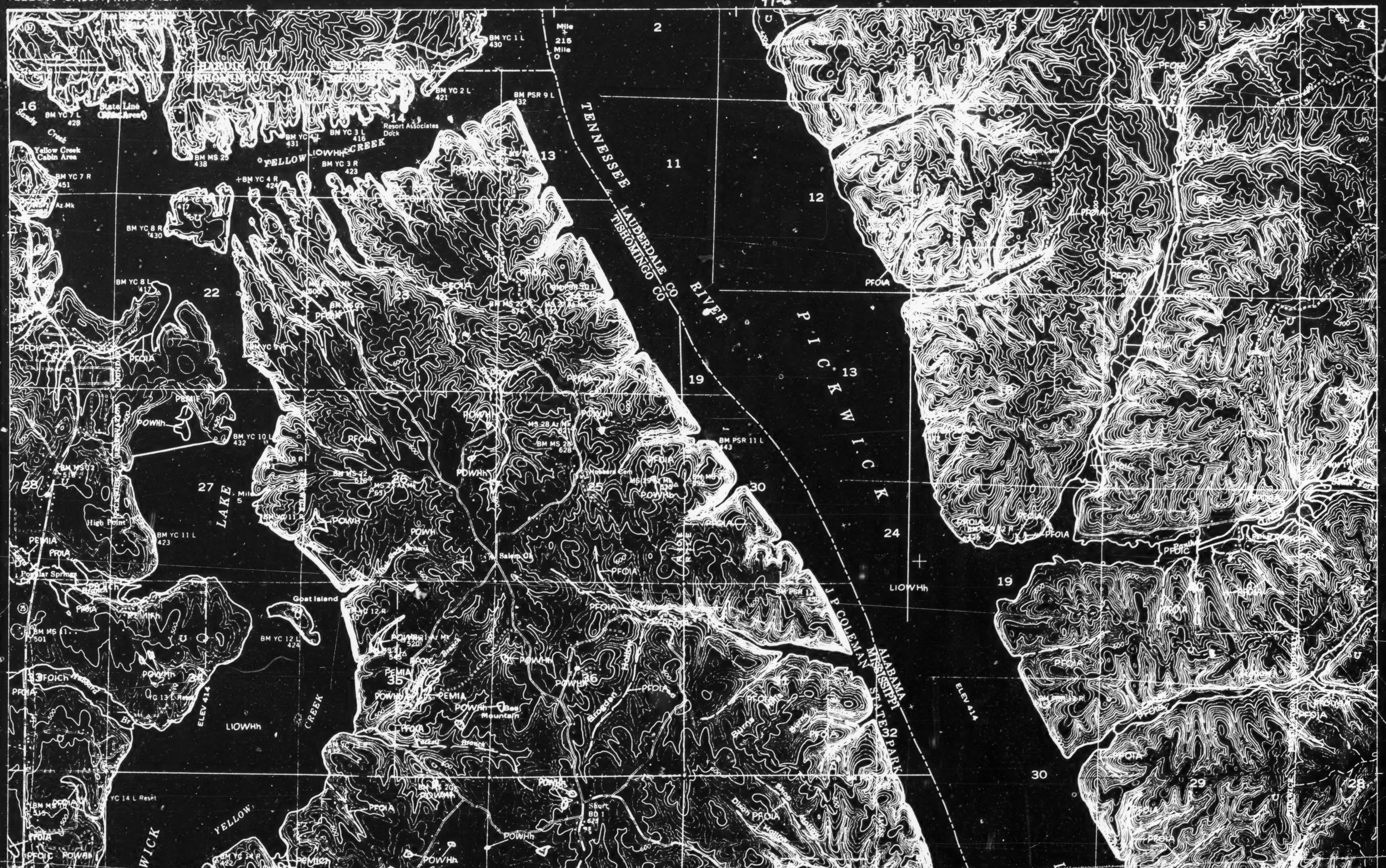
MICROFICHE INDEX
TUPELO NE
CORNITH

NW		NC			NE		
WALNUT NW	WALNUT NE	CORINTH NW	CORINTH NE	KENDRICK	DOSKIE	YELLOW CREEK	WATERLOO
WALNUT SW	WALNUT SE	CORINTH SW	CORINTH SE	GLENS	BURNSVILLE	IUKA	MARGERUM
SW		**SC**			**SE**		
RIPLEY NW	RIPLEY NE	JUMPERTOWN	BOONEVILLE	ALTITUDE	PADEN	TISHOMINGO	BISHOP
RIPLEY SW	RIPLEY SE	BALDWYN	WHEELER	MARIETTA	PADEN SE	BELMONT	PLEASANT SITE

YELLOW CREEK, MISS.-ALA.-TENN.



12

34°52'30"
88°07'30"

TUPELO NE
CORINTH

4/80

YELLOW CREEK, MISS.-ALA.-TENN.

SCALE 1:24000

WETLAND LEGEND

U – Primarily represents **upland** areas, but may include unclassified wetlands such as man-modified areas, non photo-identifiable areas and/or unintentional omissions.

ECOLOGICAL SYSTEM — Ecological Subsystem — CLASS — Subclass

M – MARINE

- 1 – Subtidal
  - RB ROCK BOTTOM: 1 Bedrock, 2 Boulder
  - UB UNCONSOLIDATED BOTTOM: 1 Cobble-Gravel, 2 Sand, 3 Mud, 4 Organic
  - AB AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 6 Unknown Submergent
  - RF REEF: 1 Coral, 3 Worm
  - OW OPEN WATER: Unknown Bottom
- 2 – Intertidal
  - AB AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 6 Unknown Submergent
  - RF REEF: 1 Coral, 3 Worm
  - FL FLAT: 1 Cobble/Gravel, 2 Sand, 3 Mud, 6 Vegetated Non pioneer
  - RS ROCKY SHORE: 1 Bedrock, 2 Boulder, 6 Vegetated Non pioneer
  - BB BEACH BAR: 1 Cobble-Gravel, 2 Sand

E – ESTUARINE

- 1 – Subtidal
  - RB – ROCK BOTTOM: 1 Bedrock, 2 Boulder
  - UB UNCONSOLIDATED BOTTOM: 1 Cobble/Gravel, 2 Sand, 3 Mud, 4 Organic
  - AB AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 4 Floating leaved, 5 Floating, 6 Unknown Submergent, 7 Unknown Surface
  - RF REEF: 2 Mollusc, 3 Worm
  - OW OPEN WATER: Unknown Bottom
- 2 – Intertidal
  - AB AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 6 Unknown Submergent, 7 Unknown Surface
  - RF REEF: 2 Mollusc, 3 Worm
  - FL FLAT: 1 Cobble/Gravel, 2 Sand, 3 Mud, 4 Organic, 5 Vegetated Pioneer, 6 Vegetated Non pioneer
  - SB STREAMBED: 1 Cobble/Gravel, 2 Sand, 3 Mud, 4 Organic
  - RS ROCKY SHORE: 1 Bedrock, 2 Boulder, 6 Vegetated Non pioneer
  - BB BEACH BAR: 1 Cobble-Gravel, 2 Sand
  - EM EMERGENT: 1 Persistent, 2 Nonpersistent, 3 Narrow leaved Nonpersistent, 4 Broad leaved Nonpersistent, 5 Narrow leaved Persistent, 6 Broad leaved Persistent
  - SS – SCRUB/SHRUB: 1 Broad leaved Deciduous, 3 Broad leaved Evergreen, 4 Needle leaved Evergreen, 5 Dead, 6 Deciduous, 7 Evergreen
  - FO FORESTED: 1 Broad leaved Deciduous, 3 Broad leaved Evergreen, 4 Needle leaved Evergreen, 5 Dead, 6 Deciduous, 7 Evergreen

R – RIVERINE

Ecological Subsystems: 1 – Tidal; 2 – Lower Perennial; 3 – Upper Perennial; 4 – Intermittent; 5 – Unknown Perennial

- EM EMERGENT(1): 2 Nonpersistent, 3 Narrow leaved Nonpersistent, 4 Broad leaved Nonpersistent
- RB – ROCK BOTTOM: 1 Bedrock, 2 Boulder
- UB – UNCONSOLIDATED BOTTOM: 1 Cobble/Gravel, 2 Sand, 3 Mud, 4 Organic
- AB – AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 3 Submergent Moss, 4 Floating leaved, 5 Floating, 6 Unknown Submergent, 7 Unknown Surface
- FL – FLAT: 1 Cobble/Gravel, 2 Sand, 3 Mud, 4 Organic, 5 Vegetated Pioneer, 6 Vegetated Non pioneer
- SB STREAMBED: 1 Cobble/Gravel, 2 Sand, 3 Mud, 4 Organic
- RS ROCKY SHORE: 1 Bedrock, 2 Boulder
- BB BEACH/BAR: 1 Cobble/Gravel, 2 Sand
- OW OPEN WATER: Unknown Bottom

(1) EM EMERGENTS are only found in the **Riverine Tidal** and **Riverine Lower Perennial** Ecological Subsystem. All other classes are found in all Riverine Ecological Subsystems.

L – LACUSTRINE

- 1 – Limnetic
  - RB ROCK BOTTOM: 1 Bedrock, 2 Boulder
  - UB UNCONSOLIDATED BOTTOM: 1 Cobble/Gravel, 2 Sand, 3 Mud, 4 Organic
  - AB AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 3 Submergent Moss, 4 Floating leaved, 5 Floating, 6 Unknown Submergent, 7 Unknown Surface
  - OW OPEN WATER: Unknown Bottom
- 2 – Littoral
  - RB ROCK BOTTOM: 1 Bedrock, 2 Boulder
  - UB UNCONSOLIDATED BOTTOM: 1 Cobble Gravel, 2 Sand, 3 Mud, 4 Organic
  - AB AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 3 Submergent Moss, 4 Floating leaved, 5 Floating, 6 Unknown Submergent, 7 Unknown Surface
  - FL FLAT: 1 Cobble/Gravel, 2 Sand, 3 Mud, 4 Organic, 5 Vegetated Pioneer, 6 Vegetated Non pioneer
  - RS ROCKY SHORE: 1 Bedrock, 2 Boulder
  - BB BEACH BAR: 1 Cobble Gravel, 2 Sand
  - EM EMERGENT: 2 Nonpersistent, 3 Narrow leaved Nonpersistent, 4 Broad leaved Nonpersistent
  - OW OPEN WATER: Unknown Bottom

P – PALUSTRINE

ECOLOGICAL SYSTEM — No Subsystem

- RB – ROCK BOTTOM: 1 Bedrock, 2 Boulder
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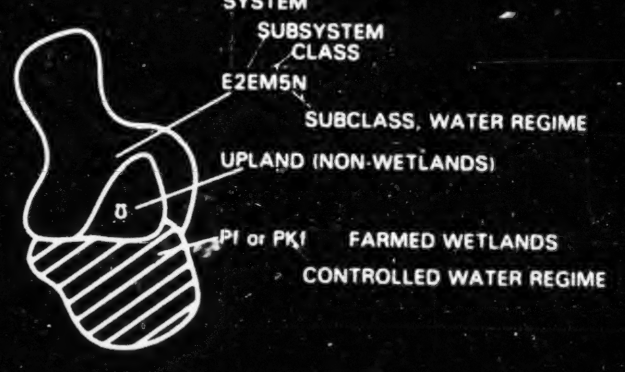

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TUPELO NE
CORINTH

NW		NC			NE		
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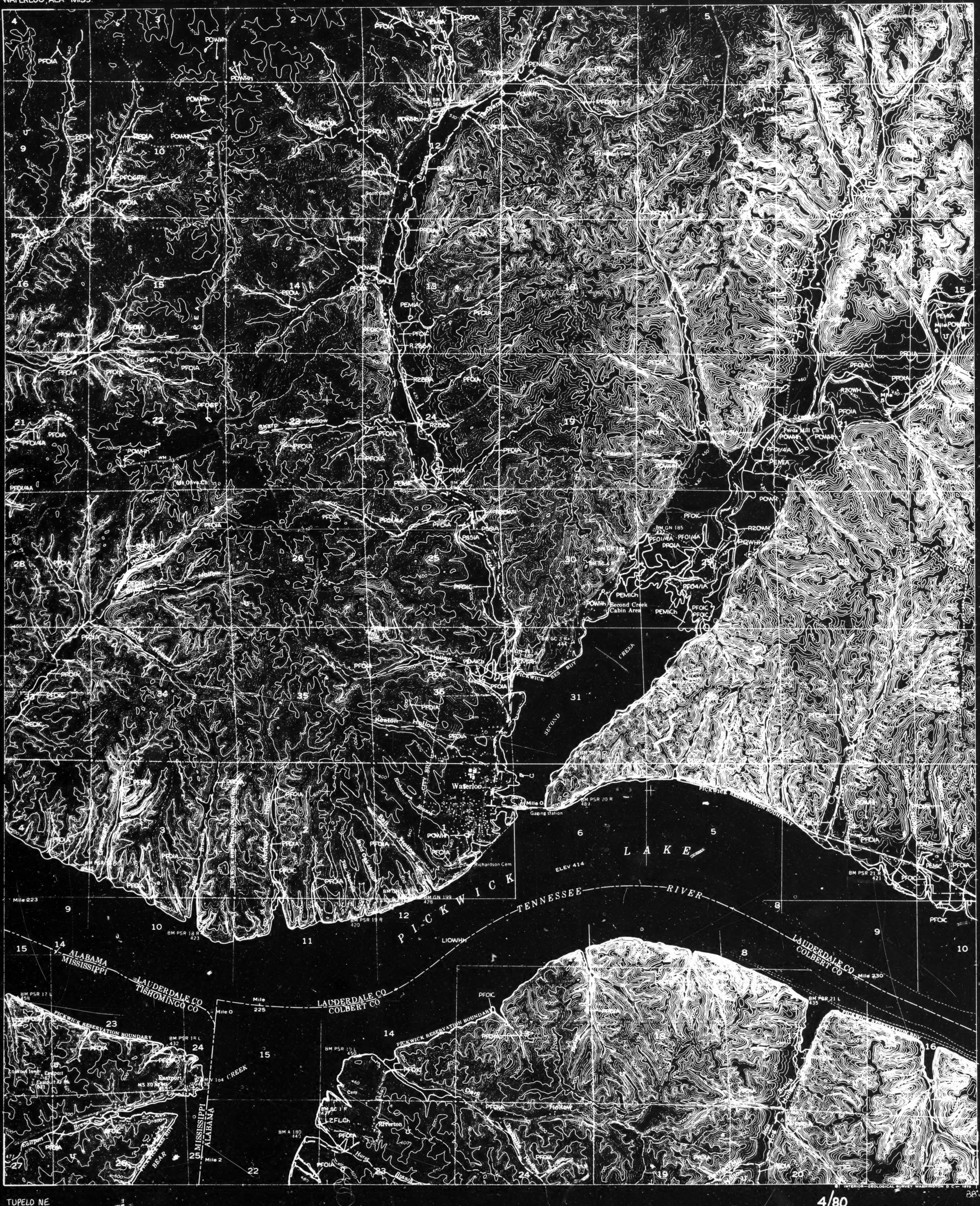
WALNUT SW	WALNUT SE	CORINTH SW	CORINTH SE	GLENS	BURNSVILLE	IUKA	MARGERUM
SW		**SC**			**SE**		
RIPLEY NW	RIPLEY NE	JUMPERTOWN	BOONEVILLE	ALTITUDE	PADEN	TISHOMINGO	BISHOP
RIPLEY SW	RIPLEY SE	BALDWYN	WHEELER	MARIETTA	PADEN SE	BELMONT	PLEASANT SITE

NATIONAL WETLANDS INVENTORY
UNITED STATES DEPARTMENT OF THE INTERIOR

2TPL-4

WATERLOO, ALA.-MISS.



TUPELO NE
CORINTH

4/80

WATERLOO, ALA.-MISS.

SCALE 1:24000

WETLAND LEGEND

Ʊ – Primarily represents **upland** areas, but may include unclassified wetlands such as man-modified areas, non photo-identifiable areas and/or unintentional omissions.

ECOLOGICAL SYSTEM — Ecological Subsystem — CLASS — Subclass

M – MARINE

1 – Subtidal

- RB ROCK BOTTOM: 1 Bedrock, 2 Boulder
- UB UNCONSOLIDATED BOTTOM: 1 Cobble Gravel, 2 Sand, 3 Mud, 4 Organic
- AB AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 6 Unknown Submergent
- RF REEF: 1 Coral, 3 Worm
- OW OPEN WATER Unknown Bottom

2 – Intertidal

- AB AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 6 Unknown Submergent
- RF REEF: 1 Coral, 3 Worm
- FL FLAT: 1 Cobble Gravel, 2 Sand, 3 Mud, 6 Vegetated Non pioneer
- RS ROCKY SHORE: 1 Bedrock, 2 Boulder, 6 Vegetated Non pioneer
- BB BEACH BAR: 1 Cobble Gravel, 2 Sand

E – ESTUARINE

1 – Subtidal

- RB ROCK BOTTOM: 1 Bedrock, 2 Boulder
- UB UNCONSOLIDATED BOTTOM: 1 Cobble/Gravel, 2 Sand, 3 Mud, 4 Organic
- AB AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 4 Floating leaved, 5 Floating, 6 Unknown Submergent, 7 Unknown Surface
- RF REEF: 2 Mollusc, 3 Worm
- OW OPEN WATER Unknown Bottom

2 – Intertidal

- AB AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 6 Unknown Submergent, 7 Unknown Surface
- RF REEF: 2 Mollusc, 3 Worm
- FL FLAT: 1 Cobble/Gravel, 2 Sand, 3 Mud, 4 Organic, 5 Vegetated Pioneer, 6 Vegetated Non pioneer
- SB STREAMBED: 1 Cobble Gravel, 2 Sand, 3 Mud, 4 Organic
- RS ROCKY SHORE: 1 Bedrock, 2 Boulder, 6 Vegetated Non pioneer
- BB BEACH BAR: 1 Cobble Gravel, 2 Sand
- EM EMERGENT: 1 Persistant, 2 Nonpersistant, 3 Narrow leaved Nonpersistent, 4 Broad leaved Nonpersistent, 5 Narrow leaved Persistent, 6 Broad leaved Persistent
- SS SCRUB/SHRUB: 1 Broad leaved Deciduous, 3 Broad leaved Evergreen, 4 Needle leaved Evergreen, 5 Dead, 6 Deciduous, 7 Evergreen
- FO FORESTED: 1 Broad leaved Deciduous, 3 Broad leaved Evergreen, 4 Needle leaved Evergreen, 5 Dead, 6 Deciduous, 7 Evergreen

R – RIVERINE

1 – Tidal; 2 – Lower Perennial; 3 – Upper Perennial; 4 – Intermittent; 5 – Unknown Perennial

- EM EMERGENT(1): 2 Nonpersistent, 3 Narrow leaved Nonpersistent, 4 Broad leaved Nonpersistent
- RB ROCK BOTTOM: 1 Bedrock, 2 Boulder
- UB UNCONSOLIDATED BOTTOM: 1 Cobble/Gravel, 2 Sand, 3 Mud, 4 Organic
- AB AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 3 Submergent Moss, 4 Floating leaved, 5 Floating, 6 Unknown Submergent, 7 Unknown Surface
- FL FLAT: 1 Cobble/Gravel, 2 Sand, 3 Mud, 4 Organic, 5 Vegetated Pioneer, 6 Vegetated Non pioneer
- SB STREAMBED: 1 Cobble/Gravel, 2 Sand, 3 Mud, 4 Organic
- RS ROCKY SHORE: 1 Bedrock, 2 Boulder
- BB BEACH/BAR: 1 Cobble/Gravel, 2 Sand
- OW OPEN WATER Unknown Bottom

(1) EM EMERGENTS are only found in the Riverine Tidal and Riverine Lower Perennial Ecological Subsystem. All other classes are found in all Riverine Ecological Subsystems.

L – LACUSTRINE

1 – Limnetic

- RB ROCK BOTTOM: 1 Bedrock, 2 Boulder
- UB UNCONSOLIDATED BOTTOM: 1 Cobble/Gravel, 2 Sand, 3 Mud, 4 Organic
- AB AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 3 Submergent Moss, 4 Floating leaved, 5 Floating, 6 Unknown Submergent, 7 Unknown Surface
- OW OPEN WATER Unknown Bottom

2 – Littoral

- RB ROCK BOTTOM: 1 Bedrock, 2 Boulder
- UB UNCONSOLIDATED BOTTOM: 1 Cobble Gravel, 2 Sand, 3 Mud, 4 Organic
- AB AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 3 Submergent Moss, 4 Floating leaved, 5 Floating, 6 Unknown Submergent, 7 Unknown Surface
- FL FLAT: 1 Cobble Gravel, 2 Sand, 3 Mud, 4 Organic, 5 Vegetated Pioneer, 6 Vegetated Non pioneer
- RS ROCKY SHORE: 1 Bedrock, 2 Boulder
- BB BEACH BAR: 1 Cobble Gravel, 2 Sand
- EM EMERGENT: 2 Nonpersistent, 3 Narrow leaved Nonpersistent, 4 Broad leaved Nonpersistent
- OW OPEN WATER Unknown Bottom

P – PALUSTRINE

ECOLOGICAL SYSTEM — No Subsystem — CLASS — Subclass

- RB ROCK BOTTOM: 1 Bedrock, 2 Boulder
- UB UNCONSOLIDATED BOTTOM: 1 Cobble/Gravel, 2 Sand, 3 Mud, 4 Organic
- AB AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 3 Submergent Moss, 4 Floating leaved, 5 Floating, 6 Unknown Submergent, 7 Unknown Surface
- FL FLAT: 1 Cobble/Gravel, 2 Sand, 3 Mud, 4 Organic, 5 Vegetated Pioneer, 6 Vegetated Non pioneer
- ML MOSS LICHEN: 1 Moss, 2 Lichen
- EM EMERGENT: 1 Persistent, 2 Nonpersistent, 3 Narrow leaved Nonpersistent, 4 Broad leaved Nonpersistent, 5 Narrow leaved Persistent, 6 Broad leaved Persistent
- SS SCRUB-SHRUB: 1 Broad leaved Deciduous, 2 Needle leaved Deciduous, 3 Broad leaved Evergreen, 4 Needle leaved Evergreen, 5 Dead, 6 Deciduous, 7 Evergreen
- FO FORESTED: 1 Broad leaved Deciduous, 2 Needle leaved Deciduous, 3 Broad leaved Evergreen, 4 Needle leaved Evergreen, 5 Dead, 6 Deciduous, 7 Evergreen
- OW OPEN WATER Unknown Bottom

MODIFYING TERMS

In order to more adequately describe wetland and aquatic habitats one or more of the water regime, water chemistry, soil, or special modifiers may be applied at the class or lower level in the hierarchy. The farmed modifier may also be applied to the ecological system.

WATER REGIME(1)

Non-Tidal: A Temporary; B Saturated; C Seasonal; D Seasonal Well drained; E Seasonal Saturated; F Semipermanent; G Intermittently Exposed; H Permanent; J Intermittently Flooded; K Artificial; Z Intermittently Exposed/Permanent; W Intermittently Flooded/Temporary; Y Saturated/Semipermanent/Seasonal; U Unknown

Tidal: K Artificial; L Subtidal; M Irregularly Exposed; N Regular; P Irregular; R Seasonal Tidal; S Temporary Tidal; T Semipermanent Tidal; V Permanent Tidal; U Unknown

WATER CHEMISTRY

Coastal Salinity: 1 Hyperhaline; 2 Euhaline; 3 Mixohaline (Brackish); 4 Polyhaline; 5 Mesohaline; 6 Oligohaline; 0 Fresh

Inland Salinity: 7 Hypersaline; 8 Eusaline; 9 Mixosaline; 0 Fresh

pH Modifiers for all Fresh Water: a Acid; t Circumneutral; i Alkaline

SOIL: g Organic; n Mineral

SPECIAL MODIFIERS: b Beaver; d Partially Drained/Ditched; f Farmed; h Diked/Impounded; r Artificial; s Spoil; x Excavated

(1) Information on the water regime modifiers found on this legend, but not found in the classification system, may be obtained from the above listed source.

SPECIAL NOTE

This document was prepared primarily by stereoscopic analysis of high altitude aerial photographs. Wetlands were identified on the photographs based on vegetation, visible hydrology, and geography in accordance with **Classification of Wetlands and Deep-Water Habitats of the United States** (An Operational Draft), Cowardin, et al, 1977. The aerial photographs typically reflect conditions during the specific year and season when they were taken. In addition, there is a margin of error inherent in the use of the aerial photographs. Thus, a detailed on the ground and historical analysis of a single site may result in a revision of the wetland boundaries established through photographic interpretation. In addition, some small wetlands and those obscured by dense forest cover may not be included on this document.

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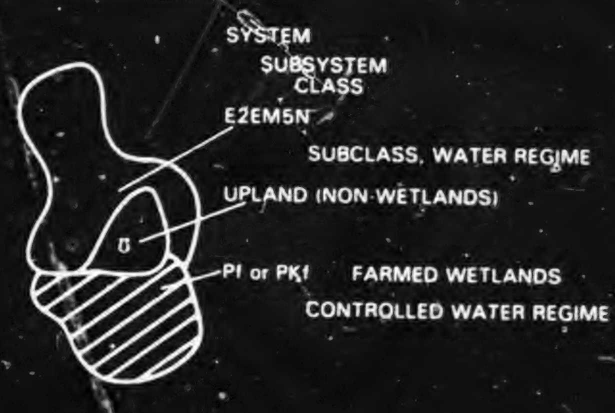
SYMBOLOGY EXAMPLE



NOTES TO THE USER

- Wetlands which have been field examined are indicated on the map by an asterisk (*).
- Dominance type (either vegetative or sedentary animal) can be added to the map by the interested user.
- Additions or corrections to the wetlands information displayed on this map are solicited. Please forward such information to the address indicated.

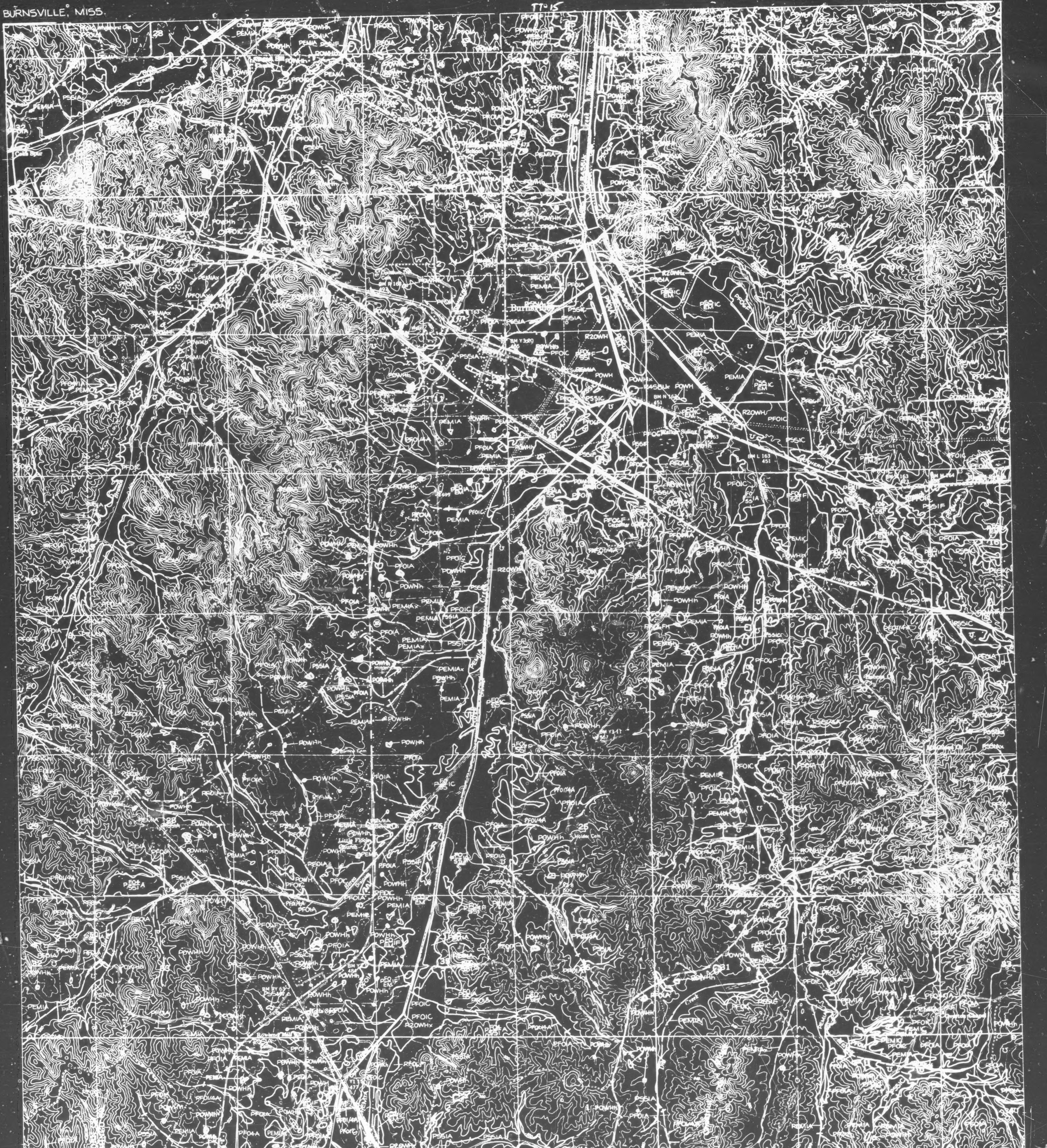
MICROFICHE INDEX
TUPELO NE
CORNITH

WALNUT NW	WALNUT NE	CORINTH NW	CORINTH NE	KENDRICK	DOSKIE	YELLOW CREEK	WATERLOO
WALNUT SW	WALNUT SE	CORINTH SW	CORINTH SE	GLENS	BURNSVILLE	IUKA	MARGERUM
RIPLEY NW	RIPLEY NE	JUMPERTOWN	BOONEVILLE	ALTITUDE	PADEN	TISHOMINGO	BISHOP
RIPLEY SW	RIPLEY SE	BALDWYN	WHEELER	MARIETTA	PADEN SE	BELMONT	PLEASANT SITE

NW · NC · NE · SW · SC · SE

NATIONAL WETLANDS INVENTORY
UNITED STATES DEPARTMENT OF THE INTERIOR

BURNSVILLE, MISS.



TUPELO NE
CORINTH

4/80

BURNSVILLE, MISS.

SCALE 1:24 000

WETLAND LEGEND

U – Primarily represents upland areas, but may include unclassified wetlands such as man-modified areas, non photo-identifiable areas and/or unintentional omissions.

ECOLOGICAL SYSTEM
Ecological Subsystem
CLASS
Subclass

M – MARINE

1 – Subtidal

- RB – ROCK BOTTOM: 1 Bedrock, 2 Boulder
- UB – UNCONSOLIDATED BOTTOM: 1 Cobble Gravel, 2 Sand, 3 Mud, 4 Organic
- AB – AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 6 Unknown Submergent
- RF – REEF: 1 Coral, 3 Worm
- OW – OPEN WATER Unknown Bottom

2 – Intertidal

- AB – AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 6 Unknown Submergent
- RF – REEF: 1 Coral, 3 Worm
- FL – FLAT: 1 Cobble/Gravel, 2 Sand, 3 Mud, 6 Vegetated Non pioneer
- RS – ROCKY SHORE: 1 Bedrock, 2 Boulder, 6 Vegetated Non pioneer
- BB – BEACH BAR: 1 Cobble Gravel, 2 Sand

E – ESTUARINE

1 – Subtidal

- RB – ROCK BOTTOM: 1 Bedrock, 2 Boulder
- UB – UNCONSOLIDATED BOTTOM: 1 Cobble/Gravel, 2 Sand, 3 Mud, 4 Organic
- AB – AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 4 Floating leaved, 5 Floating, 6 Unknown Submergent, 7 Unknown Surface
- RF – REEF: 2 Mollusc, 3 Worm
- OW – OPEN WATER Unknown Bottom

2 – Intertidal

- AB – AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 6 Unknown Submergent, 7 Unknown Surface
- RF – REEF: 2 Mollusc, 3 Worm
- FL – FLAT: 1 Cobble/Gravel, 2 Sand, 3 Mud, 4 Organic, 5 Vegetated Pioneer, 6 Vegetated Non pioneer
- SB – STREAMBED: 1 Cobble/Gravel, 2 Sand, 3 Mud, 4 Organic
- RS – ROCKY SHORE: 1 Bedrock, 2 Boulder, 6 Vegetated Non pioneer
- BB – BEACH BAR: 1 Cobble Gravel, 2 Sand
- EM – EMERGENT: 1 Persistent, 2 Nonpersistent, 3 Narrow leaved Nonpersistent, 4 Broad leaved Nonpersistent, 5 Narrow leaved Persistent, 6 Broad leaved Persistent
- SS – SCRUB/SHRUB: 1 Broad leaved Deciduous, 3 Broad leaved Evergreen, 4 Needle leaved Evergreen, 5 Dead, 6 Deciduous, 7 Evergreen
- FO – FORESTED: 1 Broad leaved Deciduous, 3 Broad leaved Evergreen, 4 Needle leaved Evergreen, 5 Dead, 6 Deciduous, 7 Evergreen

R – RIVERINE

1 – Tidal · 2 – Lower Perennial · 3 – Upper Perennial · 4 – Intermittent · 5 – Unknown Perennial

- EM – EMERGENT(1): 2 Nonpersistent, 3 Narrow leaved Nonpersistent, 4 Broad leaved Nonpersistent
- RB – ROCK BOTTOM: 1 Bedrock, 2 Boulder
- UB – UNCONSOLIDATED BOTTOM: 1 Cobble/Gravel, 2 Sand, 3 Mud, 4 Organic
- AB – AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 3 Submergent Moss, 4 Floating leaved, 5 Floating, 6 Unknown Submergent, 7 Unknown Surface
- FL – FLAT: 1 Cobble/Gravel, 2 Sand, 3 Mud, 4 Organic, 5 Vegetated Pioneer, 6 Vegetated Non pioneer
- SB – STREAMBED: 1 Cobble/Gravel, 2 Sand, 3 Mud, 4 Organic
- RS – ROCKY SHORE: 1 Bedrock, 2 Boulder
- BB – BEACH/BAR: 1 Cobble/Gravel, 2 Sand
- OW – OPEN WATER Unknown Bottom

(1) EM – EMERGENTS are only found in the Riverine Tidal and Riverine Lower Perennial Ecological Subsystem. All other classes are found in all Riverine Ecological Subsystems.

L – LACUSTRINE

1 – Limnetic

- RB – ROCK BOTTOM: 1 Bedrock, 2 Boulder
- UB – UNCONSOLIDATED BOTTOM: 1 Cobble/Gravel, 2 Sand, 3 Mud, 4 Organic
- AB – AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 3 Submergent Moss, 4 Floating leaved, 5 Floating, 6 Unknown Submergent, 7 Unknown Surface
- OW – OPEN WATER Unknown Bottom

2 – Littoral

- RB – ROCK BOTTOM: 1 Bedrock, 2 Boulder
- UB – UNCONSOLIDATED BOTTOM: 1 Cobble Gravel, 2 Sand, 3 Mud, 4 Organic
- AB – AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 3 Submergent Moss, 4 Floating leaved, 5 Floating, 6 Unknown Submergent, 7 Unknown Surface
- FL – FLAT: 1 Cobble/Gravel, 2 Sand, 3 Mud, 4 Organic, 5 Vegetated Pioneer, 6 Vegetated Non pioneer
- RS – ROCKY SHORE: 1 Bedrock, 2 Boulder
- BB – BEACH BAR: 1 Cobble Gravel, 2 Sand
- EM – EMERGENT: 2 Nonpersistent, 3 Narrow leaved Nonpersistent, 4 Broad leaved Nonpersistent
- OW – OPEN WATER Unknown Bottom

P – PALUSTRINE

ECOLOGICAL SYSTEM — No Subsystem

- RB – ROCK BOTTOM: 1 Bedrock, 2 Boulder
- UB – UNCONSOLIDATED BOTTOM: 1 Cobble/Gravel, 2 Sand, 3 Mud, 4 Organic
- AB – AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 3 Submergent Moss, 4 Floating leaved, 5 Floating, 6 Unknown Submergent, 7 Unknown Surface
- FL – FLAT: 1 Cobble/Gravel, 2 Sand, 3 Mud, 4 Organic, 5 Vegetated Pioneer, 6 Vegetated Non pioneer
- ML – MOSS LICHEN: 1 Moss, 2 Lichen
- EM – EMERGENT: 1 Persistent, 2 Nonpersistent, 3 Narrow leaved Nonpersistent, 4 Broad leaved Nonpersistent, 5 Narrow leaved Persistent, 6 Broad leaved Persistent
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- OW – OPEN WATER Unknown Bottom

MODIFYING TERMS

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WATER REGIME(1)

Non-Tidal		Tidal	
A Temporary	H Permanent	K Artificial	R Seasonal Tidal
B Saturated	J Intermittently Flooded	L Subtidal	S Temporary Tidal
C Seasonal	K Artificial	M Irregularly Exposed	T Semipermanent Tidal
D Seasonal Well-drained	Z Intermittently Exposed/Permanent	N Regular	V Permanent Tidal
E Seasonal Saturated	W Intermittently Flooded/Temporary	P Irregular	U Unknown
F Semipermanent	Y Saturated/Semipermanent/Seasonal		
G Intermittently Exposed	U Unknown		

WATER CHEMISTRY

Coastal Salinity	Inland Salinity	pH Modifiers for all Fresh Water
1 Hyperhaline	7 Hypersaline	a Acid
2 Euhaline	8 Eusaline	t Circumneutral
3 Mixohaline (Brackish)	9 Mixosaline	i Alkaline
4 Polyhaline	0 Fresh	
5 Mesohaline		
6 Oligohaline		
0 Fresh		

SOIL

SOIL
g Organic
n Mineral

SPECIAL MODIFIERS

b Beaver	h Diked/Impounded
d Partially Drained/Ditched	r Artificial
f Farmed	s Spoil
	x Excavated

(1) Information on the water regime modifiers found on this legend, but not found in the classification system, may be obtained from the above listed source.

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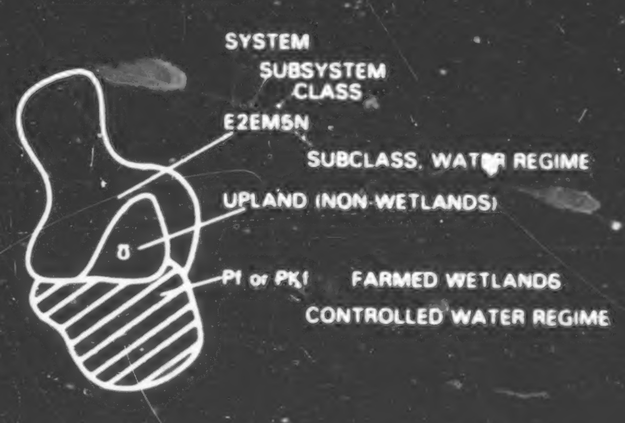

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TUPELO NE
CORINTH

NATIONAL WETLANDS INVENTORY
UNITED STATES DEPARTMENT OF THE INTERIOR

2TPL-11

IUKA, MISS.

15

4/80

IUKA, MISS

TUPELO NE
CORINTH

WETLAND LEGEND

U – Primarily represents upland areas, but may include unclassified wetlands such as man-modified areas, non photo-identifiable areas and/or unintentional omissions.

ECOLOGICAL SYSTEM / Ecological Subsystem / CLASS / Subclass

M – MARINE

1 – Subtidal
- RB ROCK BOTTOM: 1 Bedrock, 2 Boulder
- UB UNCONSOLIDATED BOTTOM: 1 Cobble Gravel, 2 Sand, 3 Mud, 4 Organic
- AB AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 6 Unknown Submergent
- RF REEF: 1 Coral, 3 Worm
- OW OPEN WATER Unknown Bottom

2 – Intertidal
- AB AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 6 Unknown Submergent
- RF REEF: 1 Coral, 3 Worm
- FL FLAT: 1 Cobble/Gravel, 2 Sand, 3 Mud, 6 Vegetated Non pioneer
- RS ROCKY SHORE: 1 Bedrock, 2 Boulder, 6 Vegetated Non pioneer
- BB BEACH BAR: 1 Cobble Gravel, 2 Sand

E – ESTUARINE

1 – Subtidal
- RB ROCK BOTTOM: 1 Bedrock, 2 Boulder
- UB UNCONSOLIDATED BOTTOM: 1 Cobble/Gravel, 2 Sand, 3 Mud, 4 Organic
- AB AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 4 Floating leaved, 5 Floating, 6 Unknown Submergent, 7 Unknown Surface
- RF REEF: 2 Mollusc, 3 Worm
- OW OPEN WATER/Unknown Bottom

2 – Intertidal
- AB AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 6 Unknown Submergent, 7 Unknown Surface
- RF REEF: 2 Mollusc, 3 Worm
- FL FLAT: 1 Cobble/Gravel, 2 Sand, 3 Mud, 4 Organic, 5 Vegetated Pioneer, 6 Vegetated Non pioneer
- SB STREAMBED: 1 Cobble/Gravel, 2 Sand, 3 Mud, 4 Organic
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- EM EMERGENT: 1 Persistent, 2 Nonpersistent, 3 Narrow leaved Nonpersistent, 4 Broad leaved Nonpersistent, 5 Narrow leaved Persistent, 6 Broad leaved Persistent
- SS SCRUB/SHRUB: 1 Broad leaved Deciduous, 3 Broad leaved Evergreen, 4 Needle leaved Evergreen, 5 Dead, 6 Deciduous, 7 Evergreen
- FO FORESTED: 1 Broad leaved Deciduous, 3 Broad leaved Evergreen, 4 Needle leaved Evergreen, 5 Dead, 6 Deciduous, 7 Evergreen

R – RIVERINE

1 – Tidal; 2 – Lower Perennial; 3 – Upper Perennial; 4 – Intermittent; 5 – Unknown Perennial

- EM EMERGENT(1): 2 Nonpersistent, 3 Narrow leaved Nonpersistent, 4 Broad leaved Nonpersistent
- RB ROCK BOTTOM: 1 Bedrock, 2 Boulder
- UB UNCONSOLIDATED BOTTOM: 1 Cobble/Gravel, 2 Sand, 3 Mud, 4 Organic
- AB AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 3 Submergent Moss, 4 Floating leaved, 5 Floating, 6 Unknown Submergent, 7 Unknown Surface
- FL FLAT: 1 Cobble/Gravel, 2 Sand, 3 Mud, 4 Organic, 5 Vegetated Pioneer, 6 Vegetated Non pioneer
- SB STREAMBED: 1 Cobble/Gravel, 2 Sand, 3 Mud, 4 Organic
- RS ROCKY SHORE: 1 Bedrock, 2 Boulder
- BB BEACH/BAR: 1 Cobble/Gravel, 2 Sand
- OW OPEN WATER/Unknown Bottom

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L – LACUSTRINE

1 – Limnetic
- RB ROCK BOTTOM: 1 Bedrock, 2 Boulder
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- AB AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 3 Submergent Moss, 4 Floating leaved, 5 Floating, 6 Unknown Submergent, 7 Unknown Surface
- OW OPEN WATER Unknown Bottom

2 – Littoral
- RB ROCK BOTTOM: 1 Bedrock, 2 Boulder
- UB UNCONSOLIDATED BOTTOM: 1 Cobble Gravel, 2 Sand, 3 Mud, 4 Organic
- AB AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 3 Submergent Moss, 4 Floating leaved, 5 Floating, 6 Unknown Submergent, 7 Unknown Surface
- FL FLAT: 1 Cobble Gravel, 2 Sand, 3 Mud, 4 Organic, 5 Vegetated Pioneer, 6 Vegetated Non pioneer
- RS ROCKY SHORE: 1 Bedrock, 2 Boulder
- BB BEACH BAR: 1 Cobble Gravel, 2 Sand
- EM EMERGENT: 2 Nonpersistent, 3 Narrow leaved Nonpersistent, 4 Broad leaved Nonpersistent
- OW OPEN WATER Unknown Bottom

P – PALUSTRINE

No Subsystem
- RB ROCK BOTTOM: 1 Bedrock, 2 Boulder
- UB UNCONSOLIDATED BOTTOM: 1 Cobble/Gravel, 2 Sand, 3 Mud, 4 Organic
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- FL FLAT: 1 Cobble/Gravel, 2 Sand, 3 Mud, 4 Organic, 5 Vegetated Pioneer, 6 Vegetated Non pioneer
- ML MOSS LICHEN: 1 Moss, 2 Lichen
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- OW OPEN WATER Unknown Bottom

MODIFYING TERMS

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WATER REGIME(1) Non-Tidal		WATER REGIME(1) Tidal		WATER CHEMISTRY Coastal Salinity	WATER CHEMISTRY Inland Salinity	pH Modifiers for all Fresh Water	SOIL	SPECIAL MODIFIERS	
A Temporary	H Permanent	K Artificial	R Seasonal Tidal	1 Hyperhaline	7 Hypersaline	a Acid	g Organic	b Beaver	h Diked/Impounded
B Saturated	J Intermittently Flooded	L Subtidal	S Temporary Tidal	2 Euhaline	8 Eusaline	t Circumneutral	n Mineral	d Partially Drained/Ditched	r Artificial
C Seasonal	K Artificial	M Irregularly Exposed	T Semipermanent Tidal	3 Mixohaline (Brackish)	9 Mixosaline	i Alkaline		f Farmed	s Spoil
D Seasonal Well-drained	Z Intermittently Exposed/Permanent	N Regular	V Permanent Tidal	4 Polyhaline	0 Fresh				x Excavated
E Seasonal Saturated	W Intermittently Flooded/Temporary	P Irregular	U Unknown	5 Mesohaline					
F Semipermanent	Y Saturated/Semipermanent/Seasonal			6 Oligohaline					
G Intermittently Exposed	U Unknown			0 Fresh					

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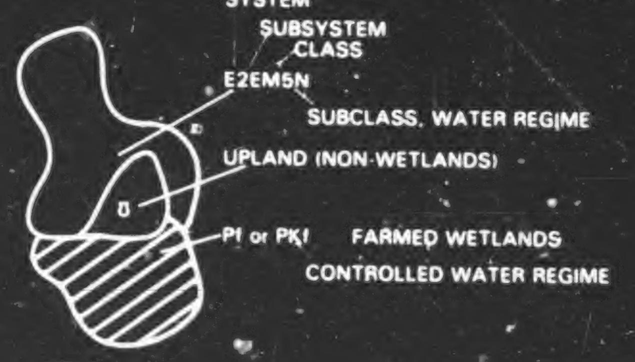
SYMBOLOGY EXAMPLE



NOTES TO THE USER
- Wetlands which have been field examined are indicated on the map by an asterisk (*)
- Dominance type (either vegetative or sedentary animal) can be added to the map by the interested user.
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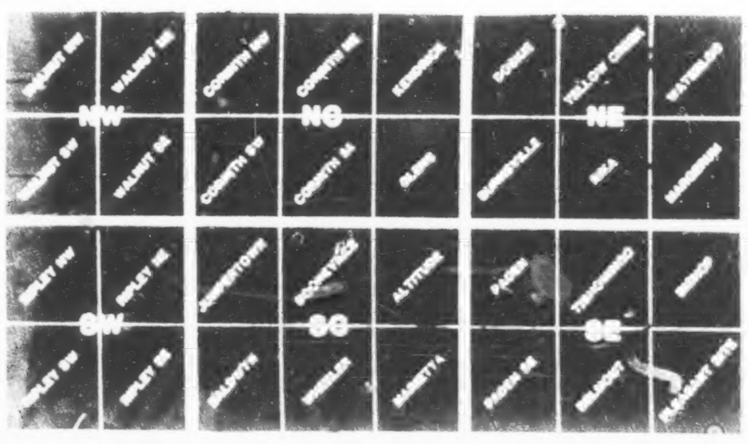
MICROFICHE INDEX
TUPELO NE
CORINTH

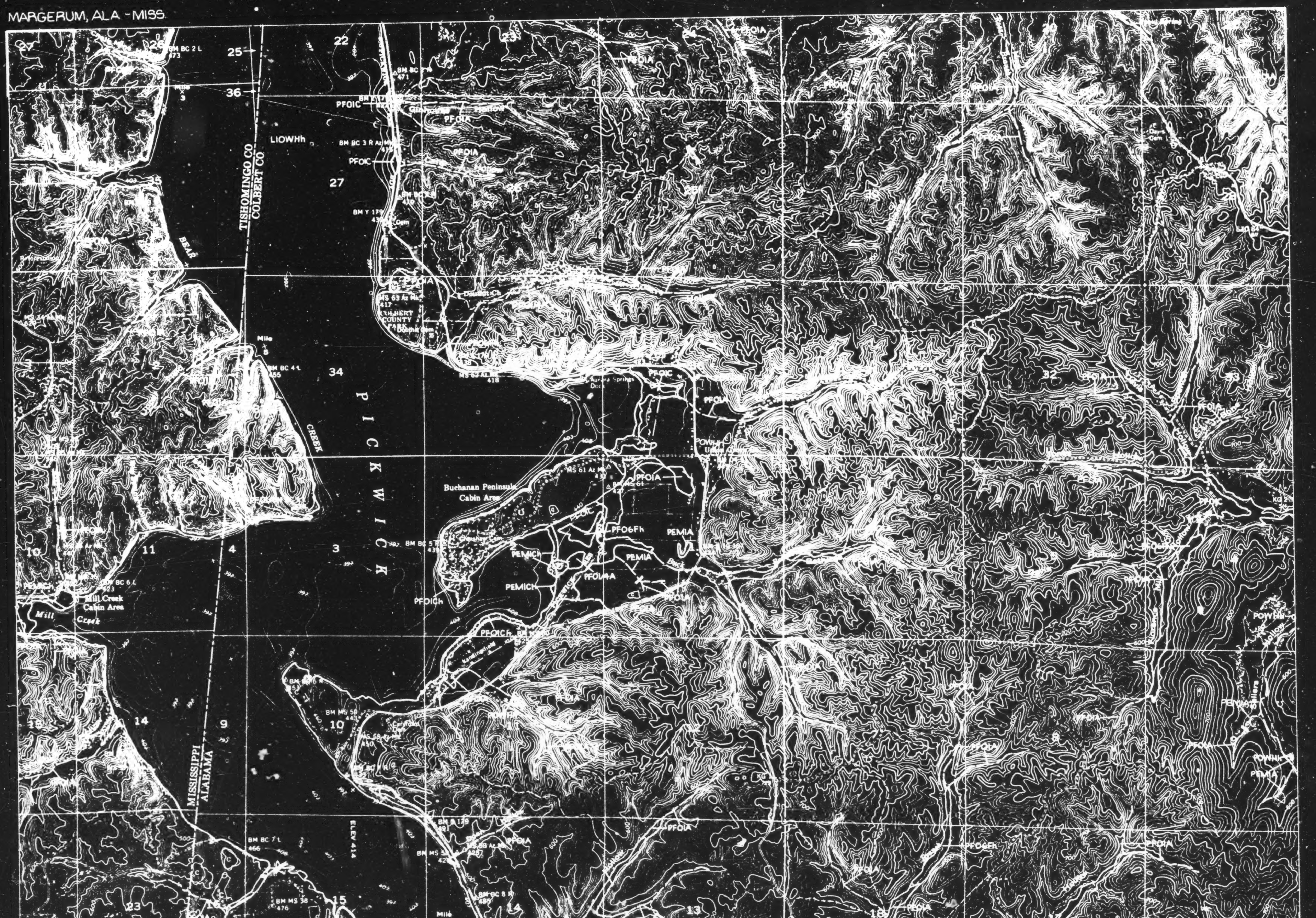


NATIONAL WETLANDS INVENTORY

UNITED STATES DEPARTMENT OF THE INTERIOR

2TPL-7

MARGERUM, ALA.-MISS.



TUPELO NE

CORINTH

4/80

MARGERUM, ALA.-MISS.

SCALE 1:24 000

WETLAND LEGEND

U – Primarily represents upland areas, but may include unclassified wetlands such as man-modified areas, non photo-identifiable areas and/or unintentional omissions.

ECOLOGICAL SYSTEM / Ecological Subsystem / CLASS / Subclass

M – MARINE

1 – Subtidal

- RB ROCK BOTTOM: 1 Bedrock, 2 Boulder
- UB UNCONSOLIDATED BOTTOM: 1 Cobble Gravel, 2 Sand, 3 Mud, 4 Organic
- AB – AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 6 Unknown Submergent
- RF REEF: 1 Coral, 3 Worm
- OW OPEN WATER Unknown Bottom

2 – Intertidal

- AB AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 6 Unknown Submergent
- RF REEF: 1 Coral, 3 Worm
- FL FLAT: 1 Cobble/Gravel, 2 Sand, 3 Mud, 6 Vegetated Non pioneer
- RS ROCKY SHORE: 1 Bedrock, 2 Boulder, 6 Vegetated Non pioneer
- BB BEACH BAR: 1 Cobble Gravel, 2 Sand

E – ESTUARINE

1 – Subtidal

- RB – ROCK BOTTOM: 1 Bedrock, 2 Boulder
- UB – UNCONSOLIDATED BOTTOM: 1 Cobble/Gravel, 2 Sand, 3 Mud, 4 Organic
- AB AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 4 Floating leaved, 5 Floating, 6 Unknown Submergent, 7 Unknown Surface
- RF – REEF: 2 Mollusc, 3 Worm
- OW – OPEN WATER Unknown Bottom

2 – Intertidal

- AB – AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 6 Unknown Submergent, 7 Unknown Surface
- RF REEF: 2 Mollusc, 3 Worm
- FL FLAT: 1 Cobble/Gravel, 2 Sand, 3 Mud, 4 Organic, 5 Vegetated Pioneer, 6 Vegetated Non pioneer
- SB STREAMBED: 1 Cobble/Gravel, 2 Sand, 3 Mud, 4 Organic
- RS ROCKY SHORE: 1 Bedrock, 2 Boulder, 6 Vegetated Non pioneer
- BB BEACH BAR: 1 Cobble Gravel, 2 Sand
- EM EMERGENT: 1 Persistent, 2 Nonpersistent, 3 Narrow leaved Nonpersistent, 4 Broad leaved Nonpersistent, 5 Narrow leaved Persistent, 6 Broad leaved Persistent
- SS – SCRUB/SHRUB: 1 Broad leaved Deciduous, 3 Broad leaved Evergreen, 4 Needle leaved Evergreen, 5 Dead, 6 Deciduous, 7 Evergreen
- FO FORESTED: 1 Broad leaved Deciduous, 3 Broad leaved Evergreen, 4 Needle leaved Evergreen, 5 Dead, 6 Deciduous, 7 Evergreen

R – RIVERINE

1 – Tidal; 2 – Lower Perennial; 3 – Upper Perennial; 4 – Intermittent; 5 – Unknown Perennial

- EM EMERGENT(1): 2 Nonpersistent, 3 Narrow leaved Nonpersistent, 4 Broad leaved Nonpersistent
- RB – ROCK BOTTOM: 1 Bedrock, 2 Boulder
- UB – UNCONSOLIDATED BOTTOM: 1 Cobble/Gravel, 2 Sand, 3 Mud, 4 Organic
- AB AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 3 Submergent Moss, 4 Floating leaved, 5 Floating, 6 Unknown Submergent, 7 Unknown Surface
- FL FLAT: 1 Cobble/Gravel, 2 Sand, 3 Mud, 4 Organic, 5 Vegetated Pioneer, 6 Vegetated Non pioneer
- SB STREAMBED: 1 Cobble/Gravel, 2 Sand, 3 Mud, 4 Organic
- RS ROCKY SHORE: 1 Bedrock, 2 Boulder
- BB BEACH/BAR: 1 Cobble/Gravel, 2 Sand
- OW OPEN WATER Unknown Bottom

(1) EM EMERGENTS are only found in the Riverine Tidal and Riverine Lower Perennial Ecological Subsystem. All other classes are found in all Riverine Ecological Subsystems.

L – LACUSTRINE

1 – Limnetic

- RB ROCK BOTTOM: 1 Bedrock, 2 Boulder
- UB UNCONSOLIDATED BOTTOM: 1 Cobble Gravel, 2 Sand, 3 Mud, 4 Organic
- AB AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 3 Submergent Moss, 4 Floating leaved, 5 Floating, 6 Unknown Submergent, 7 Unknown Surface
- OW OPEN WATER Unknown Bottom

2 – Littoral

- RB ROCK BOTTOM: 1 Bedrock, 2 Boulder
- UB UNCONSOLIDATED BOTTOM: 1 Cobble Gravel, 2 Sand, 3 Mud, 4 Organic
- AB AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 3 Submergent Moss, 4 Floating leaved, 5 Floating, 6 Unknown Submergent, 7 Unknown Surface
- FL FLAT: 1 Cobble/Gravel, 2 Sand, 3 Mud, 4 Organic, 5 Vegetated Pioneer, 6 Vegetated Non pioneer
- RS ROCKY SHORE: 1 Bedrock, 2 Boulder
- BB BEACH BAR: 1 Cobble Gravel, 2 Sand
- EM EMERGENT: 2 Nonpersistent, 3 Narrow leaved Nonpersistent, 4 Broad leaved Nonpersistent
- OW OPEN WATER Unknown Bottom

P – PALUSTRINE

ECOLOGICAL SYSTEM / No Subsystem / CLASS / Subclass

- RB – ROCK BOTTOM: 1 Bedrock, 2 Boulder
- UB UNCONSOLIDATED BOTTOM: 1 Cobble/Gravel, 2 Sand, 3 Mud, 4 Organic
- AB AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 3 Submergent Moss, 4 Floating leaved, 5 Floating, 6 Unknown Submergent, 7 Unknown Surface
- FL FLAT: 1 Cobble/Gravel, 2 Sand, 3 Mud, 4 Organic, 5 Vegetated Pioneer, 6 Vegetated Non pioneer
- ML MOSS LICHEN: 1 Moss, 2 Lichen
- EM EMERGENT: 1 Persistent, 2 Nonpersistent, 3 Narrow leaved Nonpersistent, 4 Broad leaved Nonpersistent, 5 Narrow leaved Persistent, 6 Broad leaved Persistent
- SS SCRUB/SHRUB: 1 Broad leaved Deciduous, 2 Needle leaved Deciduous, 3 Broad leaved Evergreen, 4 Needle leaved Evergreen, 5 Dead, 6 Deciduous, 7 Evergreen
- FO FORESTED: 1 Broad leaved Deciduous, 2 Needle leaved Deciduous, 3 Broad leaved Evergreen, 4 Needle leaved Evergreen, 5 Dead, 6 Deciduous, 7 Evergreen
- OW OPEN WATER Unknown Bottom

MODIFYING TERMS

In order to more adequately describe wetland and aquatic habitats one or more of the water regime, water chemistry, soil, or special modifiers may be applied at the class or lower level in the hierarchy. The farmed modifier may also be applied to the ecological system.

WATER REGIME(1)

Non-Tidal		Tidal	
A Temporary	H Permanent	K Artificial	R Seasonal Tidal
B Saturated	J Intermittently Flooded	L Subtidal	S Temporary Tidal
C Seasonal	K Artificial	M Irregularly Exposed	T Semipermanent Tidal
D Seasonal Well-drained	Z Intermittently Exposed/Permanent	N Regular	V Permanent Tidal
E Seasonal Saturated	W Intermittently Flooded/Temporary	P Irregular	U Unknown
F Semipermanent	Y Saturated/Semipermanent/Seasonal		
G Intermittently Exposed	U Unknown		

WATER CHEMISTRY

Coastal Salinity	Inland Salinity	pH Modifiers for all Fresh Water
1 Hyperhaline	7 Hypersaline	a Acid
2 Euhaline	8 Eusaline	t Circumneutral
3 Mixohaline (Brackish)	9 Mixosaline	i Alkaline
4 Polyhaline	0 Fresh	
5 Mesohaline		
6 Oligohaline		
0 Fresh		

SOIL

SOIL
g Organic
n Mineral

SPECIAL MODIFIERS

b Beaver	h Diked/Impounded
d Partially Drained/Ditched	r Artificial
f Farmed	s Spoil
	x Excavated

(1) Information on the water regime modifiers found on this legend, but not found in the classification system, may be obtained from the above listed source.

SPECIAL NOTE

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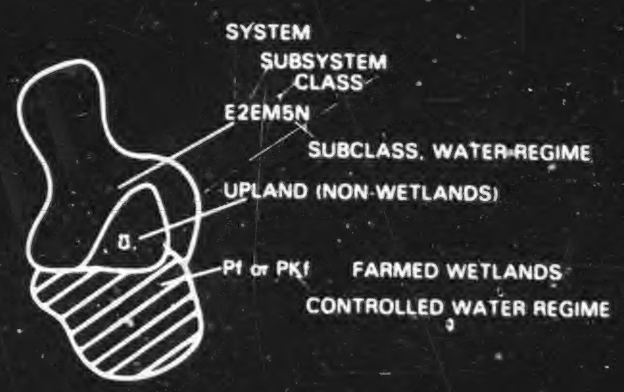
SYMBOLOGY EXAMPLE



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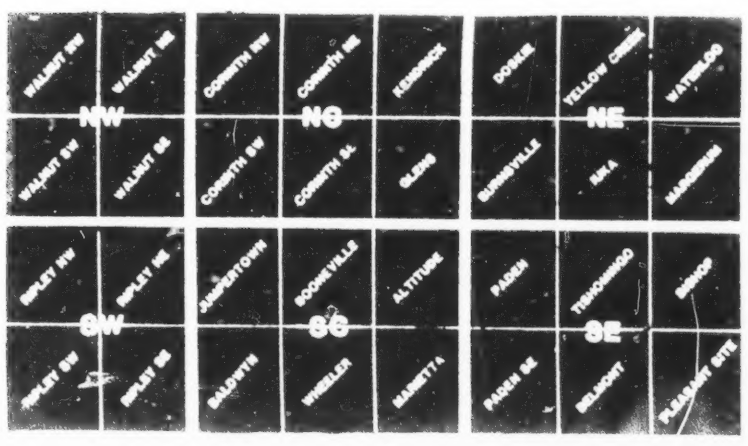
MICROFICHE INDEX
TUPELO NE
CORNITH



NATIONAL WETLANDS INVENTORY
UNITED STATES DEPARTMENT OF THE INTERIOR
RIPLEY NW, MISS
RIPLEY
C-1
17
SCALE 1:24 000
TUPELO NE
CORINTH
3/81
RIPLEY NW, MISS

WETLAND LEGEND

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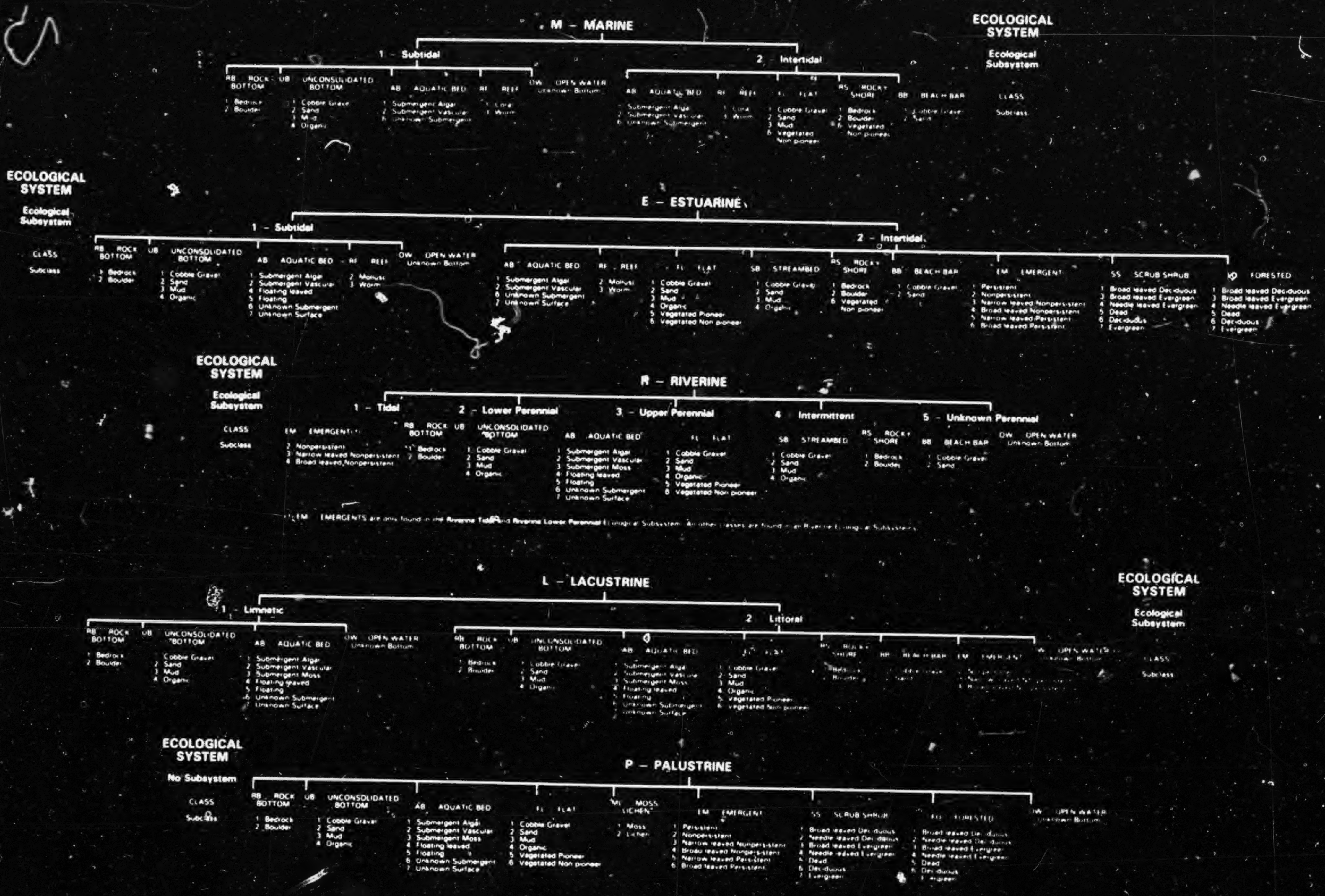

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WATER REGIME(1) Non-Tidal		Tidal		WATER CHEMISTRY Coastal Salinity	Inland Salinity	pH Modifiers for all Fresh Water	SOIL	SPECIAL MODIFIERS	
A Temporary	H Permanent	K Artificial	R Seasonal Tidal	1 Hyperhaline	7 Hypersaline	a Acid	g Organic	b Beaver	h Diked Impounded
B Saturated	J Intermittently Flooded	L Subtidal	S Temporary Tidal	2 Euhaline	8 Eusaline	t Circumneutral	n Mineral	d Partially Drained Ditched	r Artificial
C Seasonal	F Artificial	M Irregularly Exposed	T Semipermanent Tidal	3 Mixohaline (Brackish)	9 Mixosaline	Alkaline		f Farmed	s Spoil
D Seasonal Well drained	Z Intermittently Exposed Permanent	N Regular	V Permanent Tidal	4 Polyhaline	0 Fresh				x Excavated
E Seasonal Saturated	W Intermittently Flooded Temporary	P Irregular	U Unknown	5 Mesohaline					
F Semipermanent	Y Saturated Semipermanent Seasonals			6 Oligohaline					
G Intermittently Exposed	U Unknown			0 Fresh					

(1) Information on the water regime modifiers found on this legend, but not found in the classification system, may be obtained from the above listed source.

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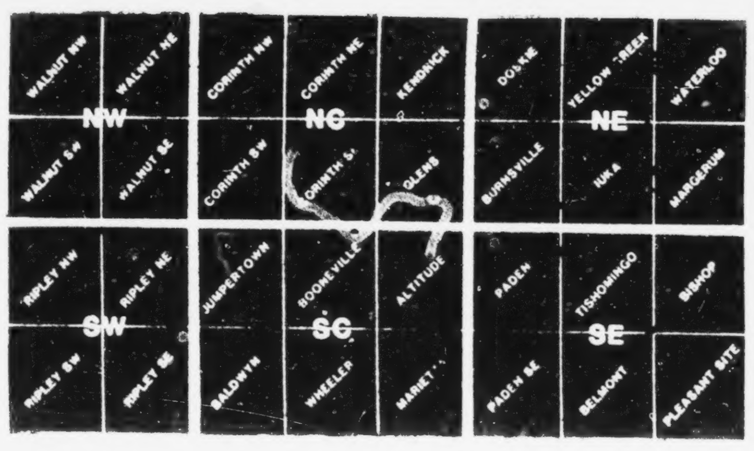
TUPELO NE
CORNITH



GRID

NATIONAL WETLANDS INVENTORY

UNITED STATES DEPARTMENT OF THE INTERIOR

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RIPLEY NE, MISS

MISSISSIPPI
7.5 MINUTE SERIES ORTHOPHOTOQUAD

C-1

18

34°37'30"
88°45'

4/80
RIPLEY NE, MISS

TUPELO NE
CORINTH

Geological Survey

Orthophotograph prepared from 1:80,000 scale
aerial photographs taken February 27, 1975

Projection and 10,000-foot grid ticks: Mississippi
coordinate system, east zone (transverse Mercator)
1000 metre Universal Transverse Mercator grid ticks,
zone 16
1927 North American datum

Photoimagery transformed by scanning techniques
which may produce double or mismatched images;
use the mean of image positions for map point

SCALE 1:24 000

WETLAND LEGEND

U – Primarily represents **upland** areas, but may include unclassified wetlands such as man-modified areas, non photo-identifiable areas and/or unintentional omissions

ECOLOGICAL SYSTEM / Ecological Subsystem / CLASS / Subclass

M – MARINE

- 1 – Subtidal
  - RB ROCK BOTTOM: 1 Bedrock, 2 Boulder
  - UB UNCONSOLIDATED BOTTOM: 1 Cobble Gravel, 2 Sand, 3 Mud, 4 Organic
  - AB AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 6 Unknown Submergent
  - RF REEF: 1 Coral, 3 Worm
  - OW OPEN WATER: Unknown Bottom
- 2 – Intertidal
  - AB AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 6 Unknown Submergent
  - RF REEF: 1 Coral, 3 Worm
  - FL FLAT: 1 Cobble Gravel, 2 Sand, 3 Mud, 5 Vegetated, 7 Non pioneer
  - RS ROCKY SHORE: 1 Bedrock, 2 Boulder, 6 Vegetated, 7 Non pioneer
  - BB BEACH BAR: 1 Cobble Gravel, 2 Sand

E – ESTUARINE

- 1 – Subtidal
  - RB ROCK BOTTOM: 1 Bedrock, 2 Boulder
  - UB UNCONSOLIDATED BOTTOM: 1 Cobble Gravel, 2 Sand, 3 Mud, 4 Organic
  - AB AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 4 Floating leaved, 5 Floating, 6 Unknown Submergent, 7 Unknown Surface
  - RF REEF: 2 Mollusk, 3 Worm
  - OW OPEN WATER: Unknown Bottom
- 2 – Intertidal
  - AB AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 6 Unknown Submergent, 7 Unknown Surface
  - RF REEF: 2 Mollusk, 3 Worm
  - FL FLAT: 1 Cobble Gravel, 2 Sand, 3 Mud, 4 Organic, 5 Vegetated Pioneer, 6 Vegetated Non pioneer
  - SB STREAMBED: 1 Cobble Gravel, 2 Sand, 3 Mud, 4 Organic
  - RS ROCKY SHORE: 1 Bedrock, 2 Boulder, 6 Vegetated Non pioneer
  - BB BEACH BAR: 1 Cobble Gravel, 2 Sand
  - EM EMERGENT: 1 Persistent, 2 Nonpersistent, 3 Narrow leaved Nonpersistent, 4 Broad leaved Nonpersistent, 5 Narrow leaved Persistent, 6 Broad leaved Persistent
  - SS SCRUB SHRUB: 1 Broad leaved Deciduous, 3 Broad leaved Evergreen, 4 Needle leaved Evergreen, 5 Dead, 6 Deciduous, 7 Evergreen
  - FO FORESTED: 1 Broad leaved Deciduous, 3 Broad leaved Evergreen, 4 Needle leaved Evergreen, 5 Dead, 6 Deciduous, 7 Evergreen

R – RIVERINE

- 1 – Tidal; 2 – Lower Perennial; 3 – Upper Perennial; 4 – Intermittent; 5 – Unknown Perennial
  - EM EMERGENT(1): 2 Nonpersistent, 3 Narrow leaved Nonpersistent, 4 Broad leaved Nonpersistent
  - RB ROCK BOTTOM: 1 Bedrock, 2 Boulder
  - UB UNCONSOLIDATED BOTTOM: 1 Cobble Gravel, 2 Sand, 3 Mud, 4 Organic
  - AB AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 3 Submergent Moss, 4 Floating leaved, 5 Floating, 6 Unknown Submergent, 7 Unknown Surface
  - FL FLAT: 1 Cobble Gravel, 2 Sand, 3 Mud, 4 Organic, 5 Vegetated Pioneer, 6 Vegetated Non pioneer
  - SB STREAMBED: 1 Cobble Gravel, 2 Sand, 3 Mud, 4 Organic
  - RS ROCKY SHORE: 1 Bedrock, 2 Boulder
  - BB BEACH BAR: 1 Cobble Gravel, 2 Sand
  - OW OPEN WATER: Unknown Bottom

(1) EM – EMERGENTS are only found in the **Riverine Tidal** and **Riverine Lower Perennial** Ecological Subsystem. All other classes are found in all Riverine Ecological Subsystems.

L – LACUSTRINE

- 1 – Limnetic
  - RB ROCK BOTTOM: 1 Bedrock, 2 Boulder
  - UB UNCONSOLIDATED BOTTOM: 1 Cobble Gravel, 2 Sand, 3 Mud, 4 Organic
  - AB AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 3 Submergent Moss, 4 Floating leaved, 5 Floating, 6 Unknown Submergent, 7 Unknown Surface
  - OW OPEN WATER: Unknown Bottom
- 2 – Littoral
  - RB ROCK BOTTOM: 1 Bedrock, 2 Boulder
  - UB UNCONSOLIDATED BOTTOM: 1 Cobble Gravel, 2 Sand, 3 Mud, 4 Organic
  - AB AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 3 Submergent Moss, 4 Floating leaved, 5 Floating, 6 Unknown Submergent, 7 Unknown Surface
  - FL FLAT: 1 Cobble Gravel, 2 Sand, 3 Mud, 4 Organic, 5 Vegetated Pioneer, 6 Vegetated Non pioneer
  - RS ROCKY SHORE: 1 Bedrock, 2 Boulder
  - BB BEACH BAR: 1 Cobble Gravel, 2 Sand
  - EM EMERGENT
  - OW OPEN WATER: Unknown Bottom

P – PALUSTRINE

ECOLOGICAL SYSTEM – No Subsystem

- RB ROCK BOTTOM: 1 Bedrock, 2 Boulder
- UB UNCONSOLIDATED BOTTOM: 1 Cobble Gravel, 2 Sand, 3 Mud, 4 Organic
- AB AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 3 Submergent Moss, 4 Floating leaved, 5 Floating, 6 Unknown Submergent, 7 Unknown Surface
- FL FLAT: 1 Cobble Gravel, 2 Sand, 3 Mud, 4 Organic, 5 Vegetated Pioneer, 6 Vegetated Non pioneer
- ML MOSS LICHEN: 1 Moss, 2 Lichen
- EM EMERGENT: 1 Persistent, 2 Nonpersistent, 3 Narrow leaved Nonpersistent, 4 Broad leaved Nonpersistent, 5 Narrow leaved Persistent, 6 Broad leaved Persistent
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- FO FORESTED: 1 Broad leaved Deciduous, 2 Needle leaved Deciduous, 3 Broad leaved Evergreen, 4 Needle leaved Evergreen, 5 Dead, 6 Deciduous, 7 Evergreen
- OW OPEN WATER: Unknown Bottom

MODIFYING TERMS

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WATER REGIME(1) Non-Tidal		Tidal		WATER CHEMISTRY Coastal Salinity	Inland Salinity	pH Modifiers for all Fresh Water	SOIL	SPECIAL MODIFIERS	
A Temporary	H Permanent	K Artificial	R Seasonal Tidal	1 Hyperhaline	7 Hypersaline	a Acid	g Organic	b Beaver	h Diked Impounded
B Saturated	J Intermittently Flooded	L Subtidal	S Temporary Tidal	2 Euhaline	8 Eusaline	t Circumneutral	n Mineral	d Partially Drained Ditched	r Artificial
C Seasonal	K Artificial	M Irregularly Exposed	T Semipermanent Tidal	3 Mixohaline (Brackish)	9 Mixosaline	i Alkaline		f Farmed	s Spoil
D Seasonal Well drained	W Intermittently Exposed Permanent	N Regular	V Permanent Tidal	4 Polyhaline	0 Fresh				x Excavated
E Seasonal Saturated	W Intermittently Flooded Temporary	P Irregular	U Unknown	5 Mesohaline					
F Semipermanent	Y Saturated/Semipermanent Seasonal			6 Oligohaline					
G Intermittently Exposed	U Unknown			0 Fresh					

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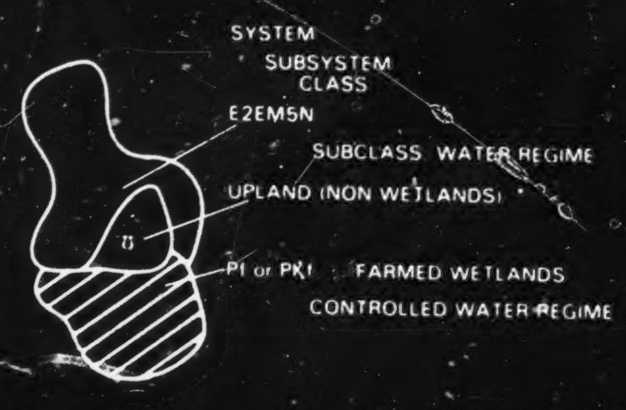

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MICROFICHE INDEX TUPELO NE CORNITH

NW		NC			NE		
WALNUT NW	WALNUT NE	CORINTH NW	CORINTH NE	KENDRICK	DUCKIE	YELLOW CREEK	WATERLOO
WALNUT SW	WALNUT SE	CORINTH SW	CORINTH SE	OLENS	BURNSVILLE	IUKA	MARGERUM

SW		SC			SE		
RIPLEY NW	RIPLEY NE	JUMPERTOWN	BOONEVILLE	ALTITUDE	PADEN	TISHOMINGO	BISHOP
RIPLEY SW	RIPLEY SE	BALDWYN	WHEELER	MARIETTA	PADEN SE	BELMONT	PLEASANT SITE

NATIONAL WETLANDS INVENTORY

UNITED STATES DEPARTMENT OF THE INTERIOR

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RIPLEY SW, MISS

RIPLEY SW QUADRANGLE
MISSISSIPPI
7.5 MINUTE SERIES ORTHOPHOTOQUAD

C-1

34°30'
89°00'

TUPELO NE
CORINTH

Geological Survey
prepared from 1:80,000 scale
aerial photograph taken February

Projection and 10,000 foot grid ticks: Mississippi
coordinate system, east zone (transverse Mercator)
1000 metre Universal Transverse Mercator grid ticks,
zone 16, 1927 North American datum

Photoimagery transformed by scanning techniques
which may produce double or mismatched images.
Use the mean of image positions for map point

460 000 FEET

SCALE 1:24 000

4000 5000 6000 7000 FEET

19

34°30'
88°52'30"

4/80
RIPLEY, SW MISS.

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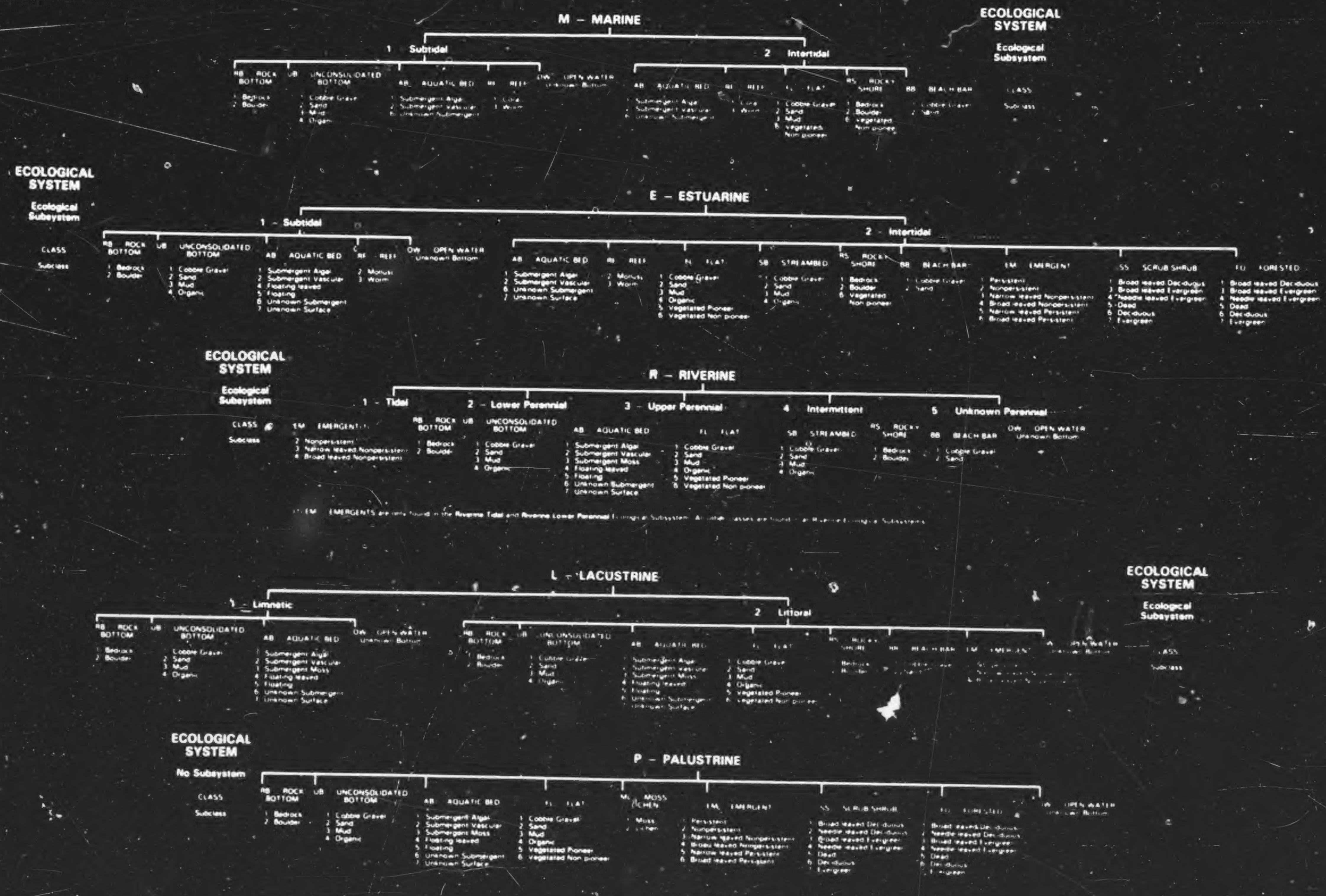

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Non-Tidal		Tidal		Coastal Salinity	Inland Salinity	pH Modifiers for all Fresh Water			
A Temporary	H Permanent	K Artificial	R Seasonal Tidal	1 Hyperhaline	7 Hypersaline	a Acid	g Organic	b Beaver	h Diked Impounded
B Saturated	J Intermittently Flooded	L Subtidal	S Temporary Tidal	2 Euhaline	8 Eusaline	t Circumneutral	n Mineral	d Partially Drained Ditched	r Artificial
C Seasonal	K Artificial	M Irregularly Exposed	T Semipermanent Tidal	3 Mixohaline (Brackish)	9 Mixosaline	i Alkaline		f Farmed	s Spoil
D Seasonal Well drained	Z Intermittently Exposed Permanent	N Regular	V Permanent Tidal	4 Polyhaline	0 Fresh				x Excavated
E Seasonal Saturated	W Intermittently Flooded Temporary	P Irregular	U Unknown	5 Mesohaline					
F Semipermanent	Y Saturated Semipermanent Seasonal			6 Oligohaline					
G Intermittently Exposed	U Unknown			0 Fresh					

(1) Information on the water regime modifiers found on this legend, but not found in the classification system, may be obtained from the above listed source.

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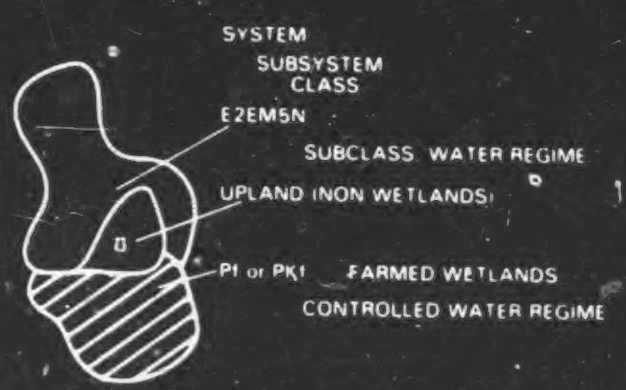

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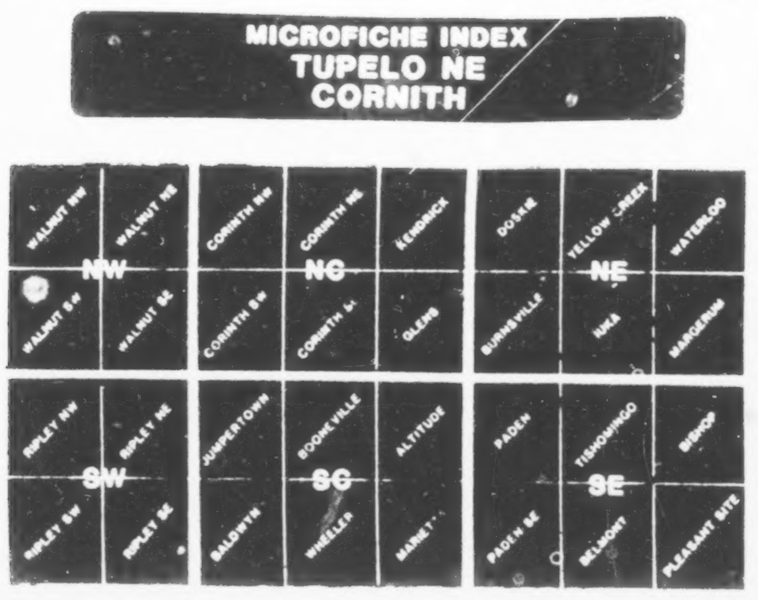


UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RIPLEY SE, MISS.

NATIONAL WETLANDS INVENTORY

UNITED STATES DEPARTMENT OF THE INTERIOR

MISSISSIPPI
7.5 MINUTE SERIES ORTHOPHOTOQUAD

C-1

20

TUPELO NE
CORINTH

Projection and 10,000-foot grid ticks: Mississippi coordinate system, east zone (transverse Mercator)
1000 metre Universal Transverse Mercator grid ticks zone 16
1927 North American datum
Photoimages transformed by scanning techniques which may produce double or mismatched images use the mean of image positions for map point

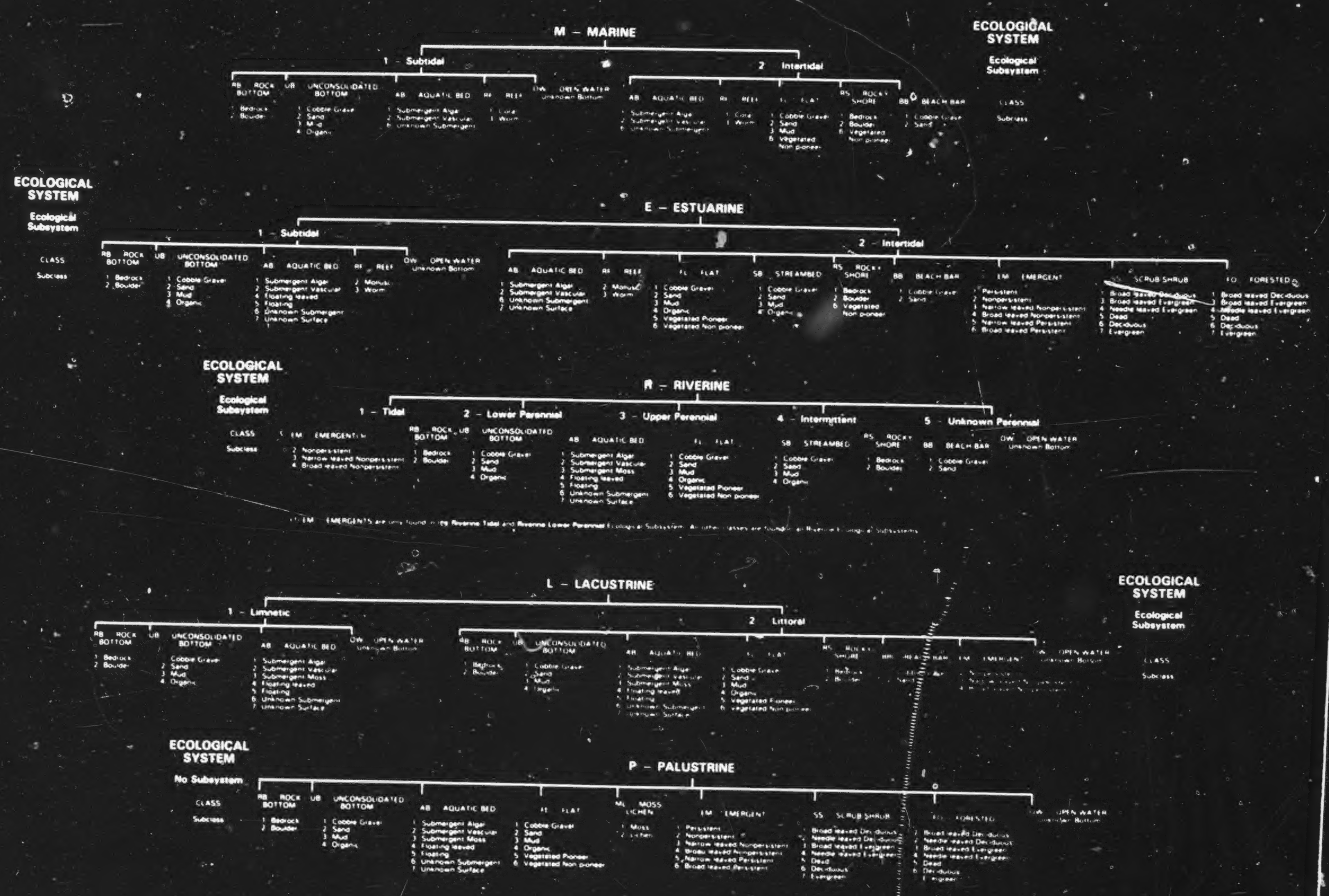
SCALE 1:24 000

SPECIAL NOTE

3/81
RIPLEY SE MISS

WETLAND LEGEND

U – Primarily represents **upland** areas, but may include unclassified wetlands such as man-modified areas, non photo-identifiable areas and/or unintentional omissions.



MODIFYING TERMS

In order to more adequately describe wetland and aquatic habitats one or more of the water regime, water chemistry, soil, or special modifiers may be applied at the class or lower level in the hierarchy. The farmed modifier may also be applied to the ecological system.

WATER REGIME(1)

Non-Tidal

- A Temporary
- B Saturated
- C Seasonal
- D Seasonal Well drained
- E Seasonal Saturated
- F Semipermanent
- G Intermittently Exposed
- H Permanent
- J Intermittently Flooded
- K Artificial
- Z Intermittently Exposed Permanent
- W Intermittently Flooded Temporary
- Y Saturated Semipermanent Seasonal
- U Unknown

Tidal

- K Artificial
- L Subtidal
- M Irregularly Exposed
- N Regular
- P Irregular
- R Seasonal Tidal
- S Temporary Tidal
- T Semipermanent Tidal
- V Permanent Tidal
- U Unknown

WATER CHEMISTRY

Coastal Salinity

- 1 Hyperhaline
- 2 Euhaline
- 3 Mixohaline (Brackish)
- 4 Polyhaline
- 5 Mesohaline
- 6 Oligohaline
- 0 Fresh

Inland Salinity

- 7 Hypersaline
- 8 Eusaline
- 9 Mixosaline
- 0 Fresh

pH Modifiers for all Fresh Water

- a Acid
- t Circumneutral
- i Alkaline

SOIL

- g Organic
- n Mineral

SPECIAL MODIFIERS

- b Beaver
- d Partially Drained Ditched
- f Farmed
- h Diked Impounded
- r Artificial
- s Spoil
- x Excavated

(1) Information on the water regime modifiers found on this legend, but not found in the classification system, may be obtained from the above listed source.

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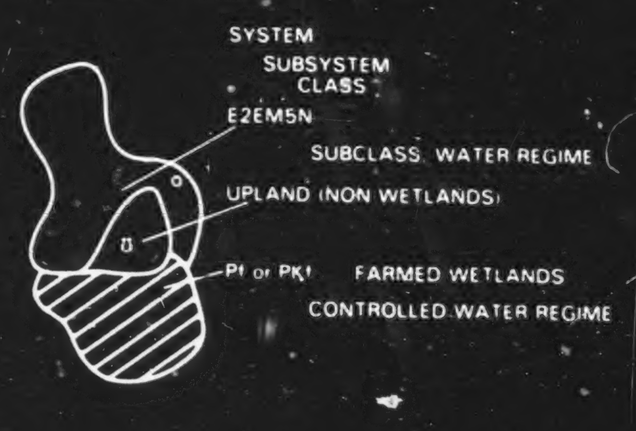

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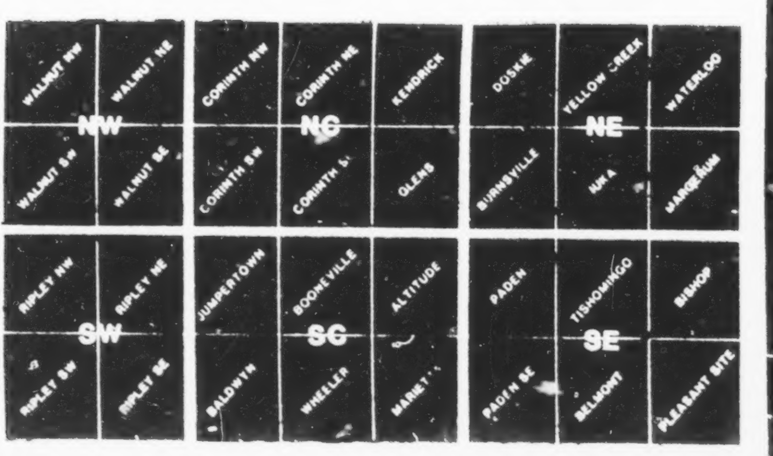
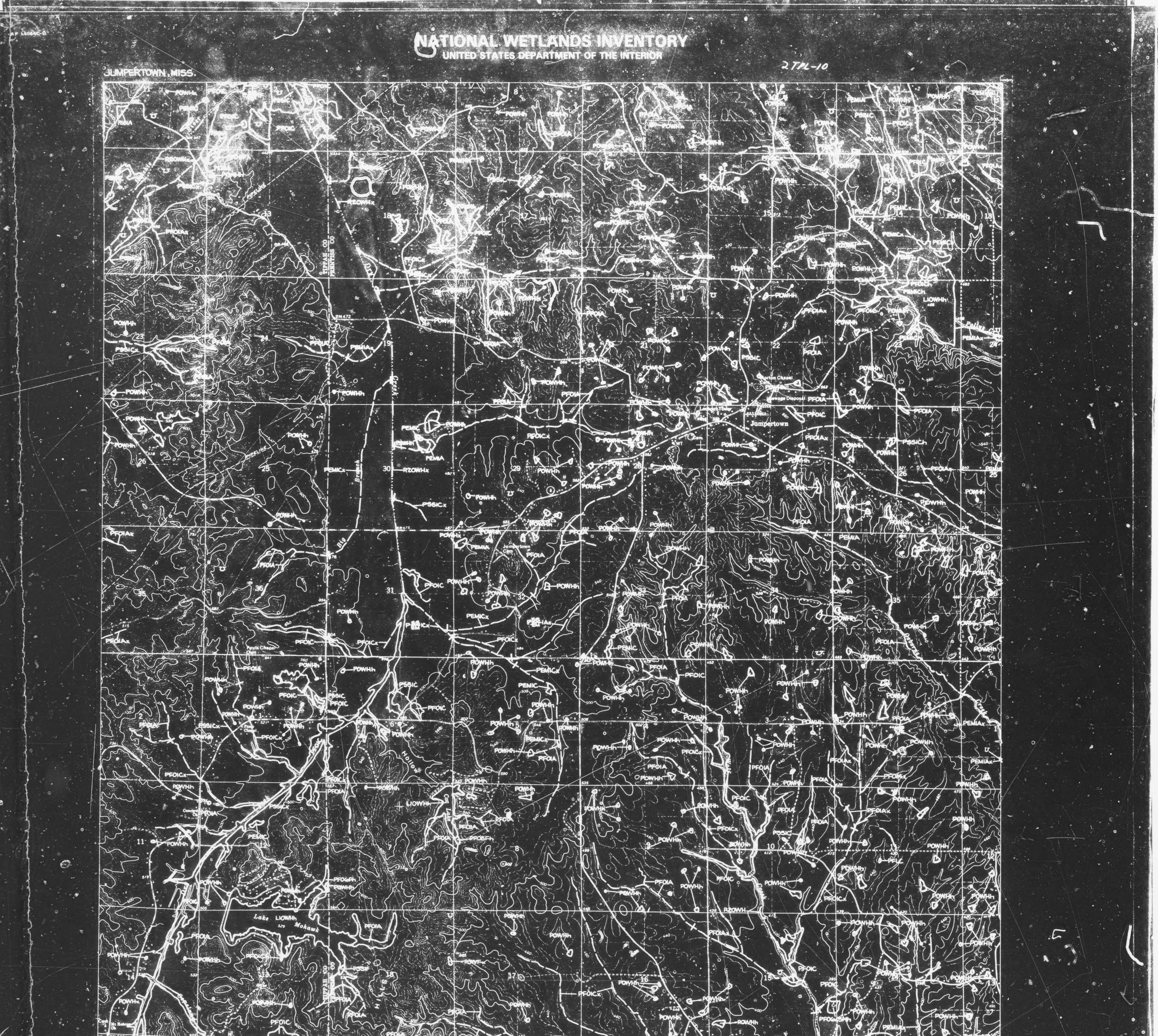
MICROFICHE INDEX
TUPELO NE
CORNITH




NATIONAL WETLANDS INVENTORY
UNITED STATES DEPARTMENT OF THE INTERIOR
JUMPERTOWN, MISS.
2TPL-10
Jumpertown
Blackland
Lake Mohawk
TUPELO NE
CORINTH
3/81
JUMPERTOWN, MISS.
34°37'30"
88°37'30"
21
SCALE 1:24 000

WETLAND LEGEND

U — Primarily represents upland areas, but may include unclassified wetlands such as man-modified areas, non photo-identifiable areas and/or unintentional omissions.

ECOLOGICAL SYSTEM / Ecological Subsystem / CLASS / Subclass

M — MARINE

1 — Subtidal
- RB ROCK BOTTOM: 1 Bedrock, 2 Boulder
- UB UNCONSOLIDATED BOTTOM: 1 Cobble/Gravel, 2 Sand, 3 Mud, 4 Organic
- AB AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 6 Unknown Submergent
- RF REEF: 1 Coral, 3 Worm
- OW OPEN WATER Unknown Bottom

2 — Intertidal
- AB AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 6 Unknown Submergent
- RF REEF: 1 Coral, 3 Worm
- FL FLAT: 1 Cobble/Gravel, 2 Sand, 3 Mud, 6 Vegetated Non pioneer
- RS ROCKY SHORE: 1 Bedrock, 2 Boulder, 6 Vegetated Non pioneer
- BB BEACH/BAR: 1 Cobble/Gravel, 2 Sand

E — ESTUARINE

1 — Subtidal
- RB - ROCK BOTTOM: 1 Bedrock, 2 Boulder
- UB - UNCONSOLIDATED BOTTOM: 1 Cobble/Gravel, 2 Sand, 3 Mud, 4 Organic
- AB - AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 4 Floating-leaved, 5 Floating, 6 Unknown Submergent, 7 Unknown Surface
- RF - REEF: 2 Mollusc, 3 Worm
- OW - OPEN WATER/Unknown Bottom

2 — Intertidal
- AB - AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 6 Unknown Submergent, 7 Unknown Surface
- RF - REEF: 2 Mollusc, 3 Worm
- FL FLAT: 1 Cobble/Gravel, 2 Sand, 3 Mud, 4 Organic, 5 Vegetated Pioneer, 6 Vegetated Non-pioneer
- SB STREAMBED: 1 Cobble/Gravel, 2 Sand, 3 Mud, 4 Organic
- RS ROCKY SHORE: 1 Bedrock, 2 Boulder, 6 Vegetated Non pioneer
- BB BEACH/BAR: 1 Cobble/Gravel, 2 Sand
- EM - EMERGENT: 1 Persistent, 2 Nonpersistent, 3 Narrow leaved Nonpersistent, 4 Broad leaved Nonpersistent, 5 Narrow leaved Persistent, 6 Broad leaved Persistent
- SS - SCRUB/SHRUB: 1 Broad-leaved Deciduous, 3 Broad-leaved Evergreen, 4 Needle-leaved Evergreen, 5 Dead, 6 Deciduous, 7 Evergreen
- FO - FORESTED: 1 Broad-leaved Deciduous, 3 Broad-leaved Evergreen, 4 Needle-leaved Evergreen, 5 Dead, 6 Deciduous, 7 Evergreen

R — RIVERINE

1 — Tidal; 2 — Lower Perennial; 3 — Upper Perennial; 4 — Intermittent; 5 — Unknown Perennial

- EM - EMERGENT(1): 2 Nonpersistent, 3 Narrow-leaved Nonpersistent, 4 Broad leaved Nonpersistent
- RB - ROCK BOTTOM: 1 Bedrock, 2 Boulder
- UB - UNCONSOLIDATED BOTTOM: 1 Cobble/Gravel, 2 Sand, 3 Mud, 4 Organic
- AB - AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 3 Submergent Moss, 4 Floating-leaved, 5 Floating, 6 Unknown Submergent, 7 Unknown Surface
- FL - FLAT: 1 Cobble/Gravel, 2 Sand, 3 Mud, 4 Organic, 5 Vegetated Pioneer, 6 Vegetated Non-pioneer
- SB - STREAMBED: 1 Cobble/Gravel, 2 Sand, 3 Mud, 4 Organic
- RS - ROCKY SHORE: 1 Bedrock, 2 Boulder
- BB - BEACH/BAR: 1 Cobble/Gravel, 2 Sand
- OW - OPEN WATER/Unknown Bottom

(1) EM - EMERGENTS are only found in the Riverine Tidal and Riverine Lower Perennial Ecological Subsystem. All other classes are found in all Riverine Ecological Subsystems.

L — LACUSTRINE

1 — Limnetic
- RB ROCK BOTTOM: 1 Bedrock, 2 Boulder
- UB UNCONSOLIDATED BOTTOM: 1 Cobble/Gravel, 2 Sand, 3 Mud, 4 Organic
- AB AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 3 Submergent Moss, 4 Floating-leaved, 5 Floating, 6 Unknown Submergent, 7 Unknown Surface
- OW OPEN WATER Unknown Bottom

2 — Littoral
- RB ROCK BOTTOM: 1 Bedrock, 2 Boulder
- UB UNCONSOLIDATED BOTTOM: 1 Cobble/Gravel, 2 Sand, 3 Mud, 4 Organic
- AB AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 3 Submergent Moss, 4 Floating leaved, 5 Floating, 6 Unknown Submergent, 7 Unknown Surface
- FL FLAT: 1 Cobble/Gravel, 2 Sand, 3 Mud, 4 Organic, 5 Vegetated Pioneer, 6 Vegetated Non pioneer
- RS ROCKY SHORE: 1 Bedrock, 2 Boulder
- BB BEACH BAR: 1 Cobble Gravel, 2 Sand
- EM EMERGENT: 2 Nonpersistent, 3 Narrow leaved Nonpersistent, 4 Broad leaved Nonpersistent
- OW OPEN WATER Unknown Bottom

P — PALUSTRINE

ECOLOGICAL SYSTEM / No Subsystem / CLASS / Subclass

- RB - ROCK BOTTOM: 1 Bedrock, 2 Boulder
- UB - UNCONSOLIDATED BOTTOM: 1 Cobble/Gravel, 2 Sand, 3 Mud, 4 Organic
- AB - AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 3 Submergent Moss, 4 Floating-leaved, 5 Floating, 6 Unknown Submergent, 7 Unknown Surface
- FL - FLAT: 1 Cobble/Gravel, 2 Sand, 3 Mud, 4 Organic, 5 Vegetated Pioneer, 6 Vegetated Non-pioneer
- ML - MOSS/LICHEN: 1 Moss, 2 Lichen
- EM EMERGENT: 1 Persistent, 2 Nonpersistent, 3 Narrow-leaved Nonpersistent, 4 Broad leaved Nonpersistent, 5 Narrow leaved Persistent, 6 Broad leaved Persistent
- SS SCRUB/SHRUB: 1 Broad leaved Deciduous, 2 Needle leaved Deciduous, 3 Broad leaved Evergreen, 4 Needle leaved Evergreen, 5 Dead, 6 Deciduous, 7 Evergreen
- FO FORESTED: 1 Broad-leaved Deciduous, 2 Needle leaved Deciduous, 3 Broad leaved Evergreen, 4 Needle leaved Evergreen, 5 Dead, 6 Deciduous, 7 Evergreen
- OW OPEN WATER/Unknown Bottom

MODIFYING TERMS

In order to more adequately describe wetland and aquatic habitats one or more of the water regime, water chemistry, soil, or special modifiers may be applied at the class or lower level in the hierarchy. The farmed modifier may also be applied to the ecological system.

WATER REGIME(1)

Non-Tidal		Tidal	
A Temporary	H Permanent	K Artificial	R Seasonal Tidal
B Saturated	J Intermittently Flooded	L Subtidal	S Temporary Tidal
C Seasonal	K Artificial	M Irregularly Exposed	T Semipermanent Tidal
D Seasonal Well-drained	Z Intermittently Exposed/Permanent	N Regular	V Permanent Tidal
E Seasonal Saturated	W Intermittently Flooded/Temporary	P Irregular	U Unknown
F Semipermanent	Y Saturated/Semipermanent/Seasonal		
G Intermittently Exposed	U Unknown		

WATER CHEMISTRY

Coastal Salinity	Inland Salinity	pH Modifiers for all Fresh Water
1 Hyperhaline	7 Hypersaline	a Acid
2 Euhaline	8 Eusaline	t Circumneutral
3 Mixohaline (Brackish)	9 Mixosaline	i Alkaline
4 Polyhaline	0 Fresh	
5 Mesohaline		
6 Oligohaline		
0 Fresh		

SOIL

g	Organic
n	Mineral

SPECIAL MODIFIERS

b Beaver		h Diked/Impounded	
d Partially Drained/Ditched		r Artificial	
f Farmed		s Spoil	
		x Excavated	

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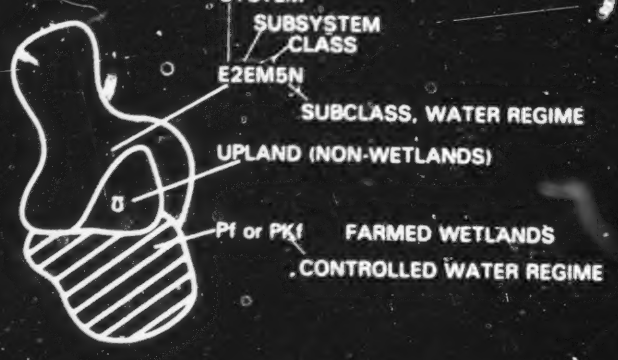

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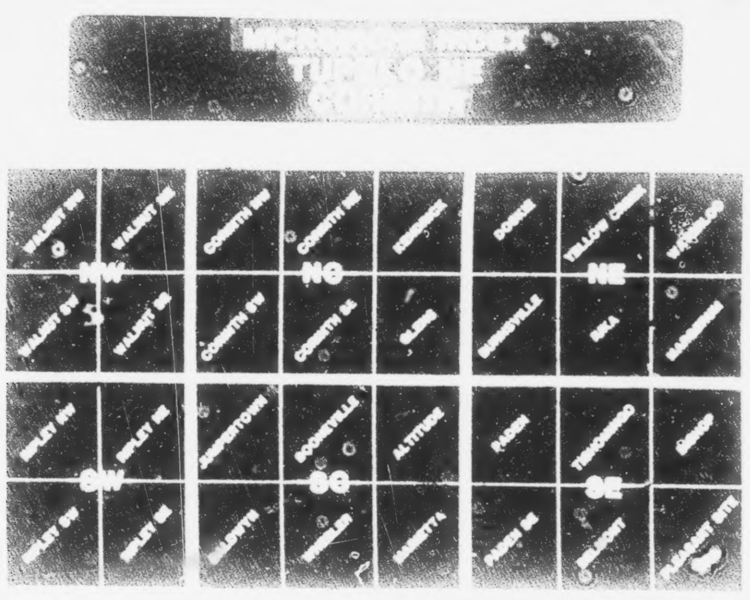
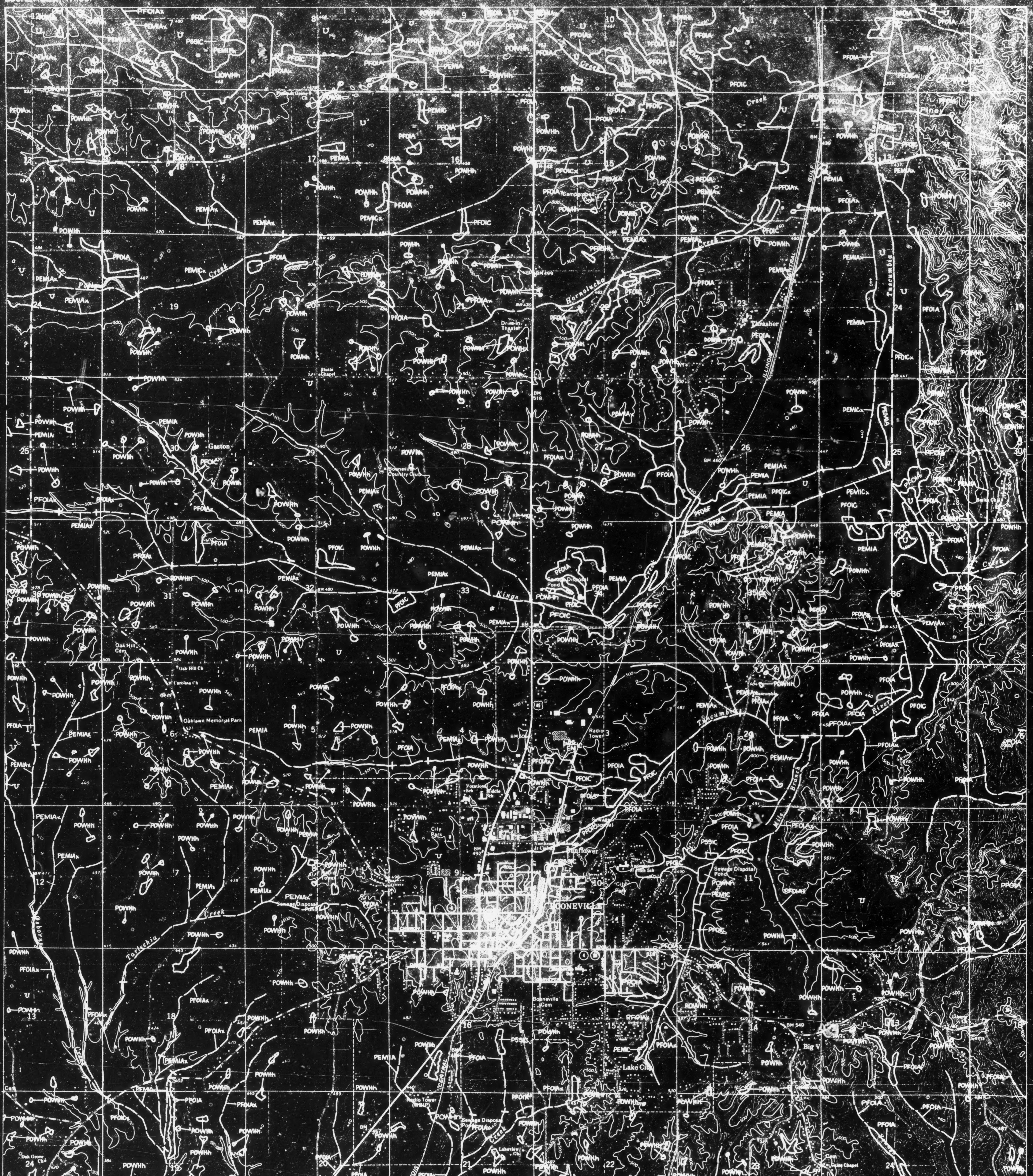


NATIONAL WETLANDS INVENTORY
UNITED STATES DEPARTMENT OF THE INTERIOR

BOONEVILLE, MISS.



TUPELO NE
CORINTH

3/81

BOONEVILLE, MISS.

SCALE 1:24 000

WETLAND LEGEND

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ECOLOGICAL SYSTEM — Ecological Subsystem — CLASS — Subclass

M — MARINE

1 — Subtidal

- RB ROCK BOTTOM: 1 Bedrock, 2 Boulder
- UB UNCONSOLIDATED BOTTOM: 1 Cobble/Gravel, 2 Sand, 3 Mud, 4 Organic
- AB AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 6 Unknown Submergent
- RF REEF: 1 Coral, 3 Worm
- OW OPEN WATER Unknown Bottom

2 — Intertidal

- AB AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 6 Unknown Submergent
- RF REEF: 1 Coral, 3 Worm
- FL FLAT: 1 Cobble/Gravel, 2 Sand, 3 Mud, 6 Vegetated Non pioneer
- RS ROCKY SHORE: 1 Bedrock, 2 Boulder, 6 Vegetated Non pioneer
- BB BEACH-BAR: 1 Cobble-Gravel, 2 Sand

E — ESTUARINE

1 — Subtidal

- RB - ROCK BOTTOM: 1 Bedrock, 2 Boulder
- UB - UNCONSOLIDATED BOTTOM: 1 Cobble/Gravel, 2 Sand, 3 Mud, 4 Organic
- AB - AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 4 Floating-leaved, 5 Floating, 6 Unknown Submergent, 7 Unknown Surface
- RF - REEF: 2 Mollusc, 3 Worm
- OW - OPEN WATER/Unknown Bottom

2 — Intertidal

- AB - AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 6 Unknown Submergent, 7 Unknown Surface
- RF - REEF: 2 Mollusc, 3 Worm
- FL - FLAT: 1 Cobble/Gravel, 2 Sand, 3 Mud, 4 Organic, 5 Vegetated Pioneer, 6 Vegetated Non-pioneer
- SB STREAMBED: 1 Cobble/Gravel, 2 Sand, 3 Mud, 4 Organic
- RS ROCKY SHORE: 1 Bedrock, 2 Boulder, 6 Vegetated Non pioneer
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R — RIVERINE

1 — Tidal, 2 — Lower Perennial, 3 — Upper Perennial, 4 — Intermittent, 5 — Unknown Perennial

- EM - EMERGENT(1): 2 Nonpersistent, 3 Narrow leaved Nonpersistent, 4 Broad leaved Nonpersistent
- RB - ROCK BOTTOM: 1 Bedrock, 2 Boulder
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- RS - ROCKY SHORE: 1 Bedrock, 2 Boulder
- BB - BEACH/BAR: 1 Cobble/Gravel, 2 Sand
- OW - OPEN WATER/Unknown Bottom

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1 — Limnetic

- RB - ROCK BOTTOM: 1 Bedrock, 2 Boulder
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- AB AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 3 Submergent Moss, 4 Floating leaved, 5 Floating, 6 Unknown Submergent, 7 Unknown Surface
- OW OPEN WATER Unknown Bottom

2 — Littoral

- RB ROCK BOTTOM: 1 Bedrock, 2 Boulder
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- AB AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 3 Submergent Moss, 4 Floating leaved, 5 Floating, 6 Unknown Submergent, 7 Unknown Surface
- FL FLAT: 1 Cobble/Gravel, 2 Sand, 3 Mud, 4 Organic, 5 Vegetated Pioneer, 6 Vegetated Non pioneer
- RS ROCKY SHORE: 1 Bedrock, 2 Boulder
- BB BEACH BAR: 1 Cobble Gravel, 2 Sand
- EM EMERGENT: 2 Nonpersistent, 3 Narrow leaved Nonpersistent, 4 Broad leaved Nonpersistent
- OW OPEN WATER Unknown Bottom

P — PALUSTRINE

No Subsystem

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- ML MOSS-LICHEN: 1 Moss, 2 Lichen
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- OW OPEN WATER Unknown Bottom

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- A Temporary
- B Saturated
- C Seasonal
- D Seasonal Well-drained
- E Seasonal Saturated
- F Semipermanent
- G Intermittently Exposed
- H Permanent
- J Intermittently Flooded
- K Artificial
- Z Intermittently Exposed/Permanent
- W Intermittently Flooded/Temporary
- Y Saturated/Semipermanent/Seasonal
- U Unknown

Tidal:

- K Artificial
- L Subtidal
- M Irregularly Exposed
- N Regular
- P Irregular
- R Seasonal Tidal
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WATER CHEMISTRY

Coastal Salinity:

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- 6 Oligohaline
- 0 Fresh

Inland Salinity:

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- 8 Eusaline
- 9 Mixosaline
- 0 Fresh

pH Modifiers for all Fresh Water:

- a Acid
- t Circumneutral
- i Alkaline

SOIL

- g Organic
- n Mineral

SPECIAL MODIFIERS

- b Beaver
- d Partially Drained/Ditched
- f Farmed
- h Diked/Impounded
- r Artificial
- s Spoil
- x Excavated

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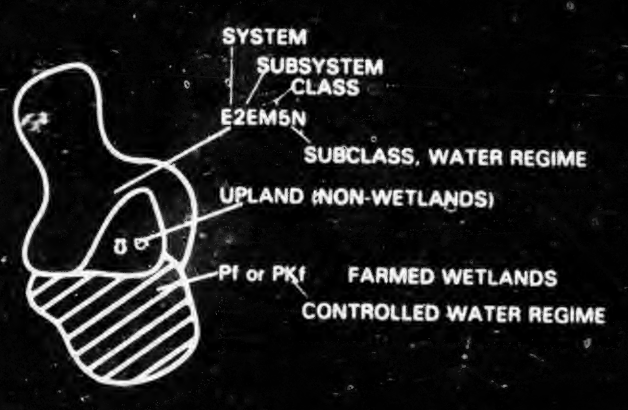

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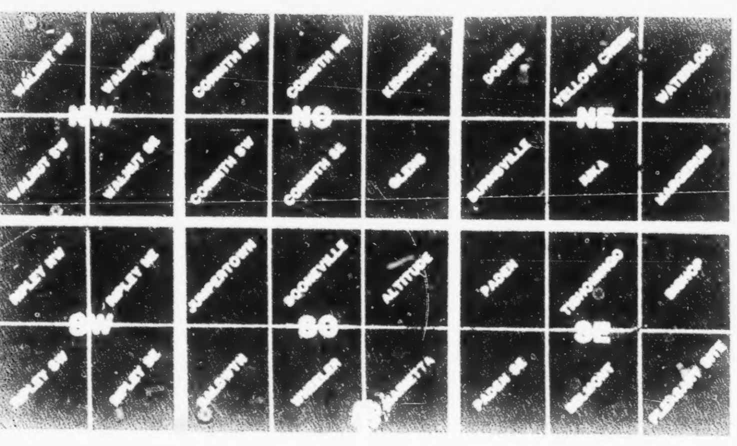
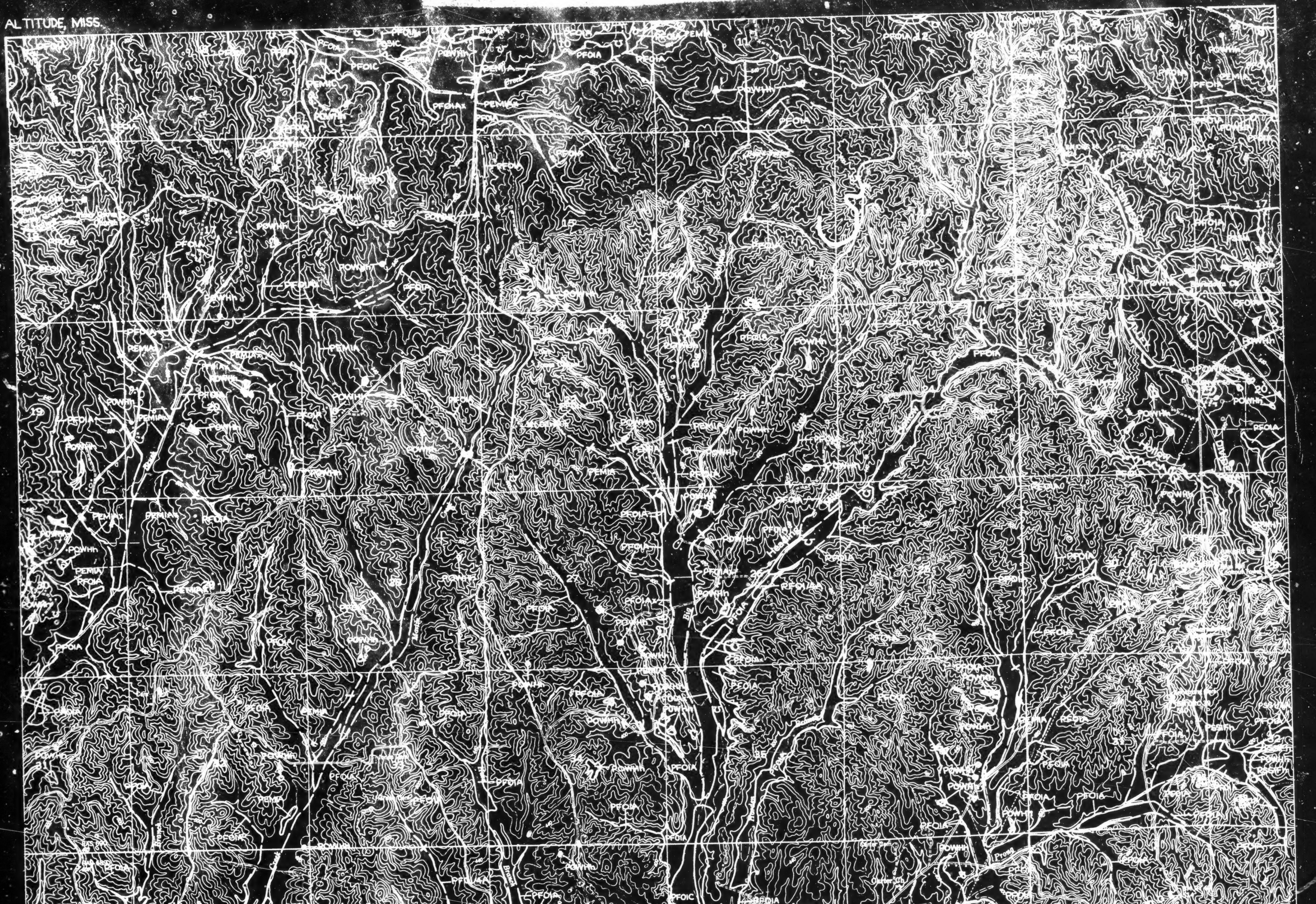


2TPL-14

ALTITUDE, MISS.



23

34°37'30"
88°22'30"

3/81

ALTITUDE, MISS.

TUPELO NE
CORINTH

SCALE 1:24 000

WETLAND LEGEND

Ʊ – Primarily represents upland areas, but may include unclassified wetlands such as man-modified areas, non photo-identifiable areas and/or unintentional omissions.

ECOLOGICAL SYSTEM / Ecological Subsystem / CLASS / Subclass

M – MARINE

1 – Subtidal
- RB ROCK BOTTOM: 1 Bedrock, 2 Boulder
- UB UNCONSOLIDATED BOTTOM: 1 Cobble-Gravel, 2 Sand, 3 Mud, 4 Organic
- AB AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 6 Unknown Submergent
- RF REEF: 1 Coral, 3 Worm
- OW OPEN WATER Unknown Bottom

2 – Intertidal
- AB AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 6 Unknown Submergent
- RF REEF: 1 Coral, 3 Worm
- FL FLAT: 1 Cobble/Gravel, 2 Sand, 3 Mud, 6 Vegetated Non pioneer
- RS ROCKY SHORE: 1 Bedrock, 2 Boulder, 6 Vegetated Non pioneer
- BB BEACH BAR: 1 Cobble-Gravel, 2 Sand

E – ESTUARINE

1 – Subtidal
- RB – ROCK BOTTOM: 1 Bedrock, 2 Boulder
- UB – UNCONSOLIDATED BOTTOM: 1 Cobble/Gravel, 2 Sand, 3 Mud, 4 Organic
- AB – AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 4 Floating leaved, 5 Floating, 6 Unknown Submergent, 7 Unknown Surface
- RF – REEF: 2 Mollusc, 3 Worm
- OW – OPEN WATER/Unknown Bottom

2 – Intertidal
- AB – AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 6 Unknown Submergent, 7 Unknown Surface
- RF – REEF: 2 Mollusc, 3 Worm
- FL – FLAT: 1 Cobble/Gravel, 2 Sand, 3 Mud, 4 Organic, 5 Vegetated Pioneer, 6 Vegetated Non pioneer
- SB STREAMBED: 1 Cobble/Gravel, 2 Sand, 3 Mud, 4 Organic
- RS ROCKY SHORE: 1 Bedrock, 2 Boulder, 6 Vegetated Non pioneer
- BB BEACH/BAR: 1 Cobble-Gravel, 2 Sand
- EM – EMERGENT: 1 Persistent, 2 Nonpersistent, 3 Narrow leaved Nonpersistent, 4 Broad leaved Nonpersistent, 5 Narrow leaved Persistent, 6 Broad leaved Persistent
- SS – SCRUB/SHRUB: 1 Broad-leaved Deciduous, 2 Broad-leaved Evergreen, 4 Needle-leaved Evergreen, 5 Dead, 6 Deciduous, 7 Evergreen
- FO – FORESTED: 1 Broad-leaved Deciduous, 3 Broad-leaved Evergreen, 4 Needle-leaved Evergreen, 5 Dead, 6 Deciduous, 7 Evergreen

R – RIVERINE

Ecological Subsystem: 1 – Tidal; 2 – Lower Perennial; 3 – Upper Perennial; 4 – Intermittent; 5 – Unknown Perennial

- EM – EMERGENT(1): 2 Nonpersistent, 3 Narrow leaved Nonpersistent, 4 Broad leaved Nonpersistent
- RB – ROCK BOTTOM: 1 Bedrock, 2 Boulder
- UB – UNCONSOLIDATED BOTTOM: 1 Cobble/Gravel, 2 Sand, 3 Mud, 4 Organic
- AB – AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 3 Submergent Moss, 4 Floating-leaved, 5 Floating, 6 Unknown Submergent, 7 Unknown Surface
- FL – FLAT: 1 Cobble/Gravel, 2 Sand, 3 Mud, 4 Organic, 5 Vegetated Pioneer, 6 Vegetated Non-pioneer
- SB – STREAMBED: 1 Cobble/Gravel, 2 Sand, 3 Mud, 4 Organic
- RS – ROCKY SHORE: 1 Bedrock, 2 Boulder
- BB – BEACH/BAR: 1 Cobble/Gravel, 2 Sand
- OW – OPEN WATER/Unknown Bottom

(1) EM – EMERGENTS are only found in the Riverine Tidal and Riverine Lower Perennial Ecological Subsystem. All other classes are found in all Riverine Ecological Subsystems.

L – LACUSTRINE

1 – Limnetic
- RB ROCK BOTTOM: 1 Bedrock, 2 Boulder
- UB UNCONSOLIDATED BOTTOM: 1 Cobble/Gravel, 2 Sand, 3 Mud, 4 Organic
- AB AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 3 Submergent Moss, 4 Floating leaved, 5 Floating, 6 Unknown Submergent, 7 Unknown Surface
- OW OPEN WATER Unknown Bottom

2 – Littoral
- RB ROCK BOTTOM: 1 Bedrock, 2 Boulder
- UB UNCONSOLIDATED BOTTOM: 1 Cobble-Gravel, 2 Sand, 3 Mud, 4 Organic
- AB AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 3 Submergent Moss, 4 Floating leaved, 5 Floating, 6 Unknown Submergent, 7 Unknown Surface
- FL FLAT: 1 Cobble-Gravel, 2 Sand, 3 Mud, 4 Organic, 5 Vegetated Pioneer, 6 Vegetated Non pioneer
- RS – ROCKY SHORE: 1 Bedrock, 2 Boulder
- BB BEACH BAR: 1 Cobble Gravel, 2 Sand
- EM EMERGENT: 2 Nonpersistent, 3 Narrow leaved Nonpersistent, 4 Broad leaved Nonpersistent
- OW OPEN WATER Unknown Bottom

P – PALUSTRINE

ECOLOGICAL SYSTEM – No Subsystem

- RB – ROCK BOTTOM: 1 Bedrock, 2 Boulder
- UB – UNCONSOLIDATED BOTTOM: 1 Cobble/Gravel, 2 Sand, 3 Mud, 4 Organic
- AB – AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 3 Submergent Moss, 4 Floating leaved, 5 Floating, 6 Unknown Submergent, 7 Unknown Surface
- FL – FLAT: 1 Cobble/Gravel, 2 Sand, 3 Mud, 4 Organic, 5 Vegetated Pioneer, 6 Vegetated Non pioneer
- ML MOSS-LICHEN: 1 Moss, 2 Lichen
- EM EMERGENT: 1 Persistent, 2 Nonpersistent, 3 Narrow leaved Nonpersistent, 4 Broad leaved Nonpersistent, 5 Narrow leaved Persistent, 6 Broad leaved Persistent
- SS SCRUB/SHRUB: 1 Broad leaved Deciduous, 2 Needle leaved Deciduous, 3 Broad leaved Evergreen, 4 Needle leaved Evergreen, 5 Dead, 6 Deciduous, 7 Evergreen
- FO FORESTED: 1 Broad leaved Deciduous, 2 Needle leaved Deciduous, 3 Broad leaved Evergreen, 4 Needle leaved Evergreen, 5 Dead, 6 Deciduous, 7 Evergreen
- OW OPEN WATER Unknown Bottom

MODIFYING TERMS

In order to more adequately describe wetland and aquatic habitats one or more of the water regime, water chemistry, soil, or special modifiers may be applied at the class or lower level in the hierarchy. The farmed modifier may also be applied to the ecological system.

WATER REGIME(1)

Non-Tidal		Tidal	
A Temporary	H Permanent	K Artificial	R Seasonal Tidal
B Saturated	J Intermittently Flooded	L Subtidal	S Temporary Tidal
C Seasonal	K Artificial	M Irregularly Exposed	T Semipermanent Tidal
D Seasonal Well-drained	Z Intermittently Exposed/Permanent	N Regular	V Permanent Tidal
E Seasonal Saturated	W Intermittently Flooded/Temporary	P Irregular	U Unknown
F Semipermanent	Y Saturated/Semipermanent/Seasonal		
G Intermittently Exposed	U Unknown		

WATER CHEMISTRY

Coastal Salinity	Inland Salinity	pH Modifiers for all Fresh Water
1 Hyperhaline	7 Hypersaline	a Acid
2 Euhaline	8 Eusaline	t Circumneutral
3 Mixohaline (Brackish)	9 Mixosaline	i Alkaline
4 Polyhaline	0 Fresh	
5 Mesohaline		
6 Oligohaline		
0 Fresh		

SOIL: g Organic; n Mineral

SPECIAL MODIFIERS: b Beaver; d Partially Drained/Ditched; f Farmed; h Diked/Impounded; r Artificial; s Spoil; x Excavated

(1) Information on the water regime modifiers found on this legend, but not found in the classification system, may be obtained from the above listed source.

SPECIAL NOTE

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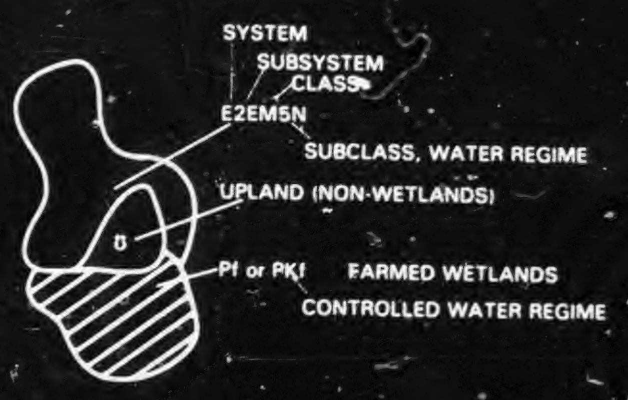

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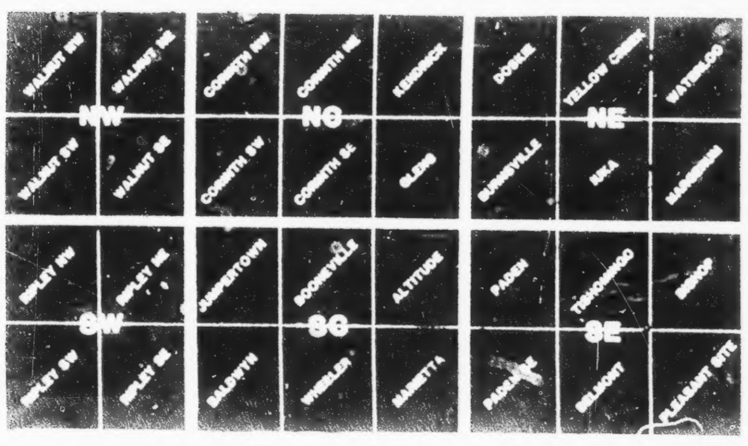
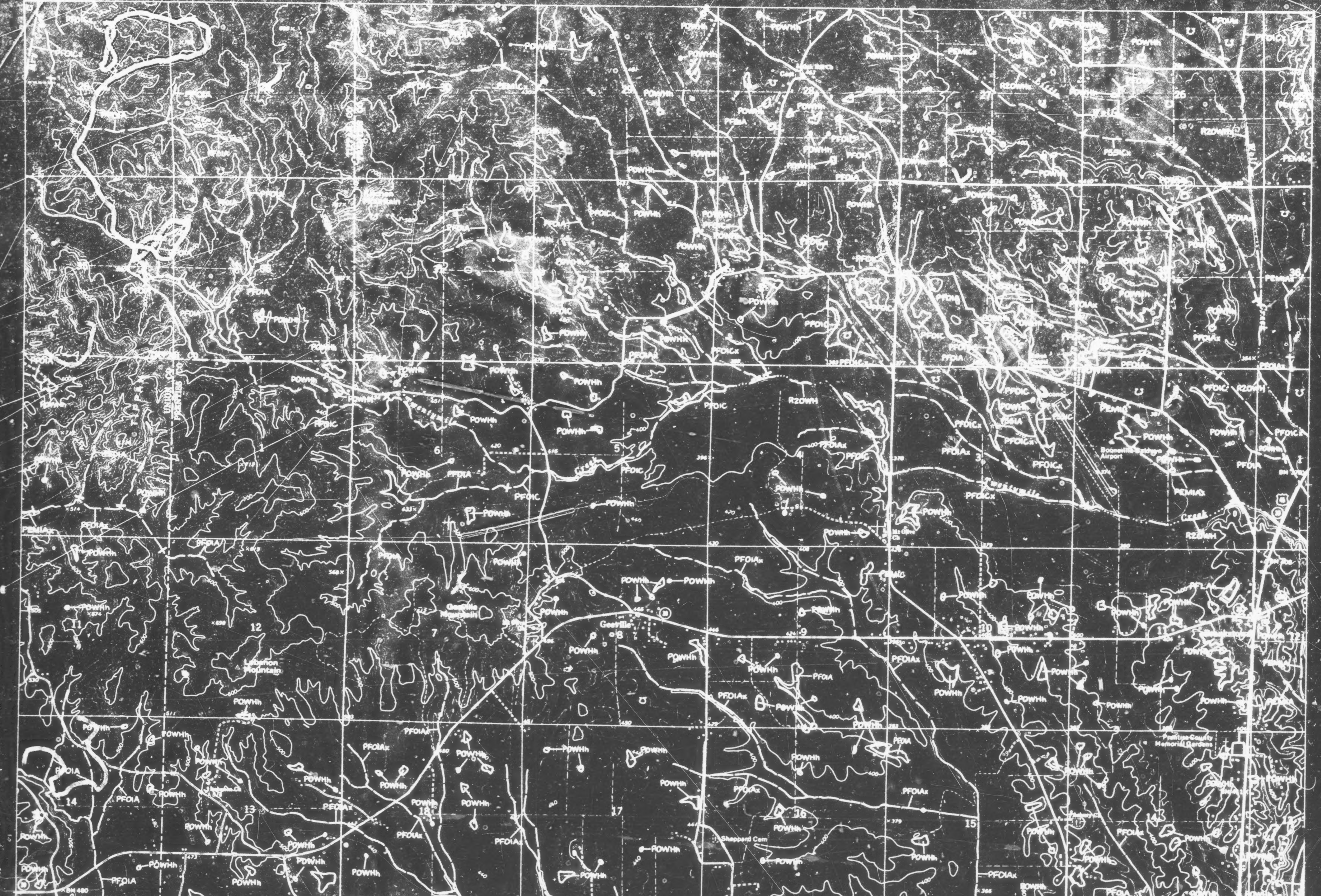
MICROFICHE INDEX
TUPELO NE
CORINTH



NATIONAL WETLANDS INVENTORY
UNITED STATES DEPARTMENT OF THE INTERIOR

BALDWYN, MISS.



TUPELO NE
CORINTH

BALDWYN, MISS.

SCALE 1:24 000

WETLAND LEGEND

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ECOLOGICAL SYSTEM / Ecological Subsystem / CLASS / Subclass

M – MARINE

1 – Subtidal
- RB – ROCK BOTTOM: 1 Bedrock, 2 Boulder
- UB – UNCONSOLIDATED BOTTOM: 1 Cobble-Gravel, 2 Sand, 3 Mud, 4 Organic
- AB – AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 6 Unknown Submergent
- RF – REEF: 1 Coral, 3 Worm
- OW – OPEN WATER Unknown Bottom

2 – Intertidal
- AB – AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 6 Unknown Submergent
- RF – REEF: 1 Coral, 3 Worm
- FL – FLAT: 1 Cobble/Gravel, 2 Sand, 3 Mud, 6 Vegetated Non-pioneer
- RS – ROCKY SHORE: 1 Bedrock, 2 Boulder, 6 Vegetated Non-pioneer
- BB – BEACH/BAR: 1 Cobble-Gravel, 2 Sand

E – ESTUARINE

1 – Subtidal
- RB – ROCK BOTTOM: 1 Bedrock, 2 Boulder
- UB – UNCONSOLIDATED BOTTOM: 1 Cobble/Gravel, 2 Sand, 3 Mud, 4 Organic
- AB – AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 4 Floating-leaved, 5 Floating, 6 Unknown Submergent, 7 Unknown Surface
- RF – REEF: 2 Mollusc, 3 Worm
- OW – OPEN WATER/Unknown Bottom

2 – Intertidal
- AB – AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 6 Unknown Submergent, 7 Unknown Surface
- RF – REEF: 2 Mollusc, 3 Worm
- FL – FLAT: 1 Cobble/Gravel, 2 Sand, 3 Mud, 4 Organic, 5 Vegetated Pioneer, 6 Vegetated Non-pioneer
- SB – STREAMBED: 1 Cobble/Gravel, 2 Sand, 3 Mud, 4 Organic
- RS – ROCKY SHORE: 1 Bedrock, 2 Boulder, 6 Vegetated Non-pioneer
- BB – BEACH/BAR: 1 Cobble/Gravel, 2 Sand
- EM – EMERGENT: 1 Persistent, 2 Nonpersistent, 3 Narrow-leaved Nonpersistent, 4 Broad-leaved Nonpersistent, 5 Narrow-leaved Persistent, 6 Broad-leaved Persistent
- SS – SCRUB/SHRUB: 1 Broad-leaved Deciduous, 2 Needle-leaved Deciduous, 3 Broad-leaved Evergreen, 4 Needle-leaved Evergreen, 5 Dead, 6 Deciduous, 7 Evergreen
- FO – FORESTED: 1 Broad-leaved Deciduous, 2 Needle-leaved Deciduous, 3 Broad-leaved Evergreen, 4 Needle-leaved Evergreen, 5 Dead, 6 Deciduous, 7 Evergreen

R – RIVERINE

Ecological Subsystems: 1 – Tidal; 2 – Lower Perennial; 3 – Upper Perennial; 4 – Intermittent; 5 – Unknown Perennial

- EM – EMERGENT(1): 2 Nonpersistent, 3 Narrow-leaved Nonpersistent, 4 Broad-leaved Nonpersistent
- RB – ROCK BOTTOM: 1 Bedrock, 2 Boulder
- UB – UNCONSOLIDATED BOTTOM: 1 Cobble/Gravel, 2 Sand, 3 Mud, 4 Organic
- AB – AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 3 Submergent Moss, 4 Floating-leaved, 5 Floating, 6 Unknown Submergent, 7 Unknown Surface
- FL – FLAT: 1 Cobble/Gravel, 2 Sand, 3 Mud, 4 Organic, 5 Vegetated Pioneer, 6 Vegetated Non-pioneer
- SB – STREAMBED: 1 Cobble/Gravel, 2 Sand, 3 Mud, 4 Organic
- RS – ROCKY SHORE: 1 Bedrock, 2 Boulder
- BB – BEACH/BAR: 1 Cobble/Gravel, 2 Sand
- OW – OPEN WATER/Unknown Bottom

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L – LACUSTRINE

1 – Limnetic
- RB – ROCK BOTTOM: 1 Bedrock, 2 Boulder
- UB – UNCONSOLIDATED BOTTOM: 1 Cobble/Gravel, 2 Sand, 3 Mud, 4 Organic
- AB – AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 3 Submergent Moss, 4 Floating-leaved, 5 Floating, 6 Unknown Submergent, 7 Unknown Surface
- OW – OPEN WATER Unknown Bottom

2 – Littoral
- RB – ROCK BOTTOM: 1 Bedrock, 2 Boulder
- UB – UNCONSOLIDATED BOTTOM: 1 Cobble-Gravel, 2 Sand, 3 Mud, 4 Organic
- AB – AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 3 Submergent Moss, 4 Floating-leaved, 5 Floating, 6 Unknown Submergent, 7 Unknown Surface
- FL – FLAT: 1 Cobble-Gravel, 2 Sand, 3 Mud, 4 Organic, 5 Vegetated Pioneer, 6 Vegetated Non-pioneer
- RS – ROCKY SHORE: 1 Bedrock, 2 Boulder
- BB – BEACH/BAR: 1 Cobble-Gravel, 2 Sand
- EM – EMERGENT: 2 Nonpersistent, 3 Narrow-leaved Nonpersistent, 4 Broad-leaved Nonpersistent
- OW – OPEN WATER Unknown Bottom

P – PALUSTRINE

No Subsystem

- RB – ROCK BOTTOM: 1 Bedrock, 2 Boulder
- UB – UNCONSOLIDATED BOTTOM: 1 Cobble/Gravel, 2 Sand, 3 Mud, 4 Organic
- AB – AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 3 Submergent Moss, 4 Floating-leaved, 5 Floating, 6 Unknown Submergent, 7 Unknown Surface
- FL – FLAT: 1 Cobble/Gravel, 2 Sand, 3 Mud, 4 Organic, 5 Vegetated Pioneer, 6 Vegetated Non-pioneer
- ML – MOSS-LICHEN: 1 Moss, 2 Lichen
- EM – EMERGENT: 1 Persistent, 2 Nonpersistent, 3 Narrow-leaved Nonpersistent, 4 Broad-leaved Nonpersistent, 5 Narrow-leaved Persistent, 6 Broad-leaved Persistent
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MODIFYING TERMS

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WATER REGIME(1) Non-Tidal		Tidal		WATER CHEMISTRY Coastal Salinity	Inland Salinity	pH Modifiers for all Fresh Water	SOIL	SPECIAL MODIFIERS	
A Temporary	H Permanent	K Artificial	R Seasonal Tidal	1 Hyperhaline	7 Hypersaline	a Acid	g Organic	b Beaver	h Diked/Impounded
B Saturated	J Intermittently Flooded	L Subtidal	S Temporary Tidal	2 Euhaline	8 Eusaline	t Circumneutral	n Mineral	d Partially Drained/Ditched	r Artificial
C Seasonal	K Artificial	M Irregularly Exposed	T Semipermanent Tidal	3 Mixohaline (Brackish)	9 Mixosaline	i Alkaline		f Farmed	s Spoil
D Seasonal Well-drained	Z Intermittently Exposed/Permanent	N Regular	V Permanent Tidal	4 Polyhaline	0 Fresh				x Excavated
E Seasonal Saturated	W Intermittently Flooded/Temporary	P Irregular	U Unknown	5 Mesohaline					
F Semipermanent	Y Saturated/Semipermanent/Seasonal			6 Oligohaline					
G Intermittently Exposed	U Unknown			0 Fresh					

(1) Information on the water regime modifiers found on this legend, but not found in the classification system, may be obtained from the above-listed source.

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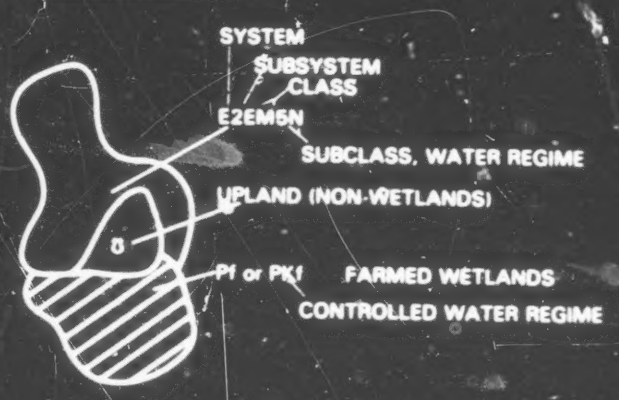

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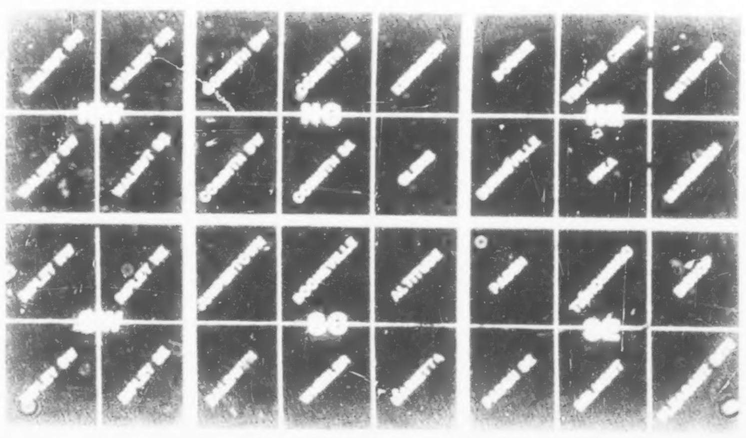

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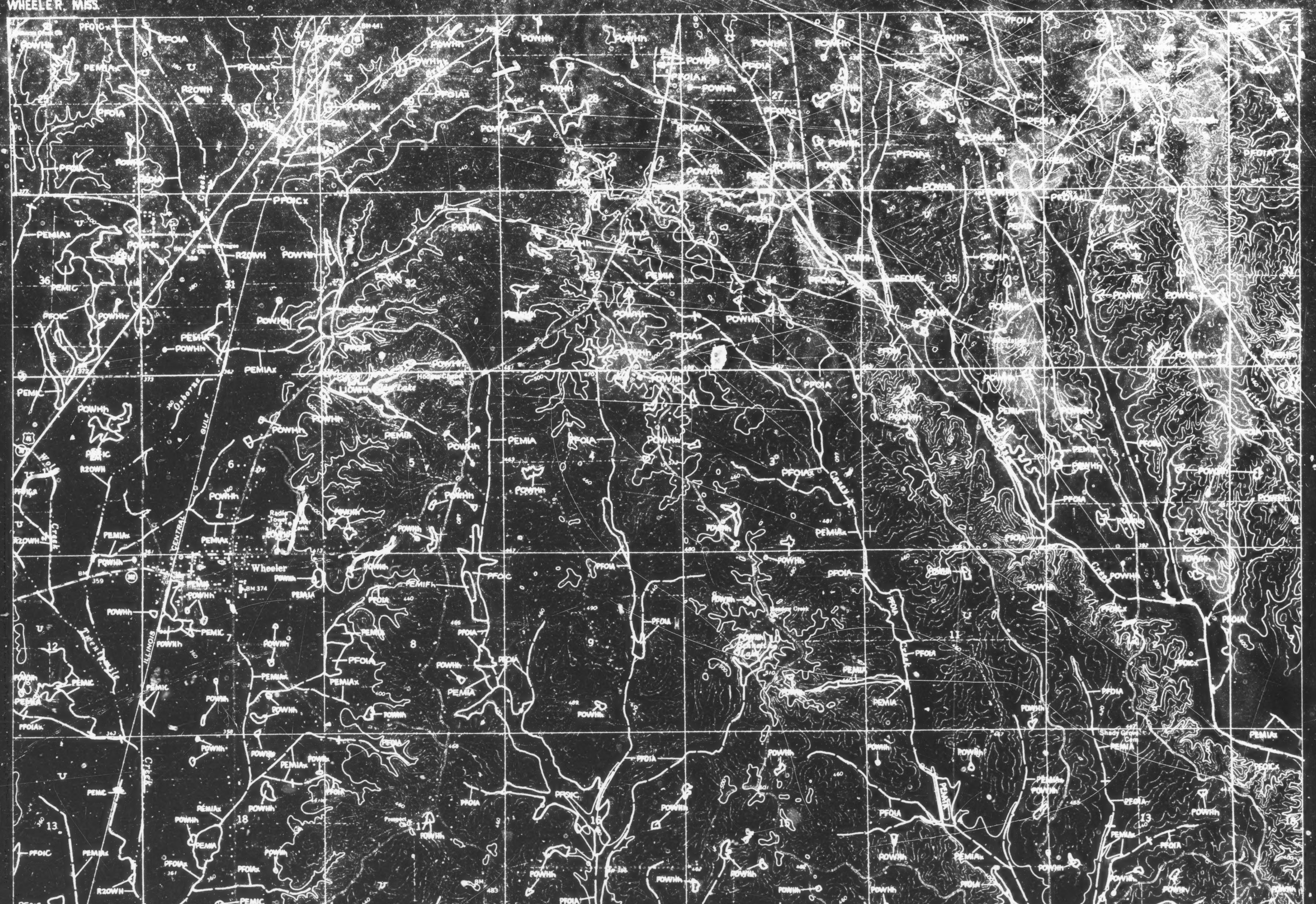
2TPL-5

WHEELER, MISS.



25

34°30'
88°30'

TUPELO NE
CORINTH

3/81

WHEELER, MISS.

SCALE 1:24 000

1 MILE

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

1 KILOMETER

WETLAND LEGEND

U – Primarily represents upland areas, but may include unclassified wetlands such as man-modified areas, non photo-identifiable areas and/or unintentional omissions.

ECOLOGICAL SYSTEM / Ecological Subsystem / CLASS / Subclass

M – MARINE

1 – Subtidal
- RB – ROCK BOTTOM: 1 Bedrock, 2 Boulder
- UB – UNCONSOLIDATED BOTTOM: 1 Cobble/Gravel, 2 Sand, 3 Mud, 4 Organic
- AB – AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 6 Unknown Submergent
- RF – REEF: 1 Coral, 3 Worm
- OW – OPEN WATER/Unknown Bottom

2 – Intertidal
- AB – AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 6 Unknown Submergent
- RF – REEF: 1 Coral, 3 Worm
- FL – FLAT: 1 Cobble/Gravel, 2 Sand, 3 Mud, 6 Vegetated Non pioneer
- RS – ROCKY SHORE: 1 Bedrock, 2 Boulder, 6 Vegetated Non pioneer
- BB – BEACH/BAR: 1 Cobble/Gravel, 2 Sand

E – ESTUARINE

1 – Subtidal
- RB – ROCK BOTTOM: 1 Bedrock, 2 Boulder
- UB – UNCONSOLIDATED BOTTOM: 1 Cobble/Gravel, 2 Sand, 3 Mud, 4 Organic
- AB – AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 4 Floating-leaved, 5 Floating, 6 Unknown Submergent, 7 Unknown Surface
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- FL – FLAT: 1 Cobble/Gravel, 2 Sand, 3 Mud, 4 Organic, 5 Vegetated Pioneer, 6 Vegetated Non-pioneer
- SB – STREAMBED: 1 Cobble/Gravel, 2 Sand, 3 Mud, 4 Organic
- RS – ROCKY SHORE: 1 Bedrock, 2 Boulder, 6 Vegetated Non pioneer
- BB – BEACH/BAR: 1 Cobble/Gravel, 2 Sand
- EM – EMERGENT: 1 Persistent, 2 Nonpersistent, 3 Narrow leaved Nonpersistent, 4 Broad leaved Nonpersistent, 5 Narrow leaved Persistent, 6 Broad leaved Persistent
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R – RIVERINE

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- EM – EMERGENT(1): 2 Nonpersistent, 3 Narrow leaved Nonpersistent, 4 Broad-leaved Nonpersistent
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- BB – BEACH/BAR: 1 Cobble Gravel, 2 Sand
- EM – EMERGENT: 2 Nonpersistent, 3 Narrow leaved Nonpersistent, 4 Broad leaved Nonpersistent
- OW – OPEN WATER/Unknown Bottom

P – PALUSTRINE

ECOLOGICAL SYSTEM – No Subsystem

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- FL – FLAT: 1 Cobble/Gravel, 2 Sand, 3 Mud, 4 Organic, 5 Vegetated Pioneer, 6 Vegetated Non-pioneer
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- FO – FORESTED: 1 Broad leaved Deciduous, 2 Needle leaved Deciduous, 3 Broad leaved Evergreen, 4 Needle leaved Evergreen, 5 Dead, 6 Deciduous, 7 Evergreen
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C Seasonal	K Artificial	M Irregularly Exposed	T Semipermanent Tidal
D Seasonal Well-drained	Z Intermittently Exposed/Permanent	N Regular	V Permanent Tidal
E Seasonal Saturated	W Intermittently Flooded/Temporary	P Irregular	U Unknown
F Semipermanent	Y Saturated/Semipermanent/Seasonal		
G Intermittently Exposed	U Unknown		

WATER CHEMISTRY

Coastal Salinity	Inland Salinity	pH Modifiers for all Fresh Water
1 Hyperhaline	7 Hypersaline	a Acid
2 Euhaline	8 Eusaline	t Circumneutral
3 Mixohaline (Brackish)	9 Mixosaline	i Alkaline
4 Polyhaline	0 Fresh	
5 Mesohaline		
6 Oligohaline		
0 Fresh		

SOIL

g	Organic
n	Mineral

SPECIAL MODIFIERS

b Beaver	h Diked/Impounded
d Partially Drained/Ditched	r Artificial
f Farmed	s Spoil
	x Excavated

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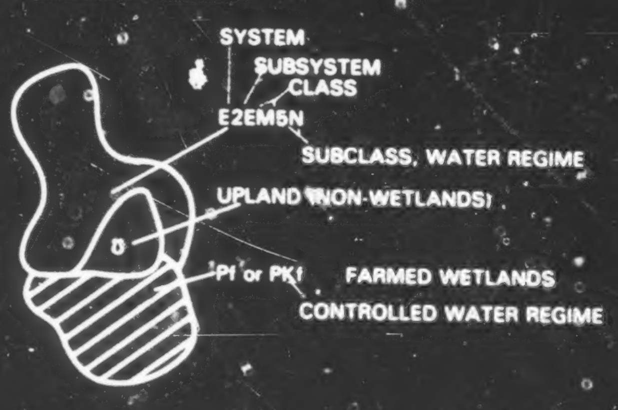

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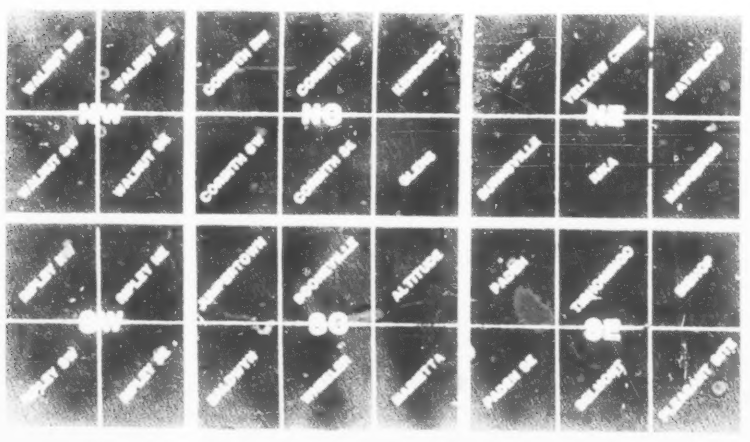

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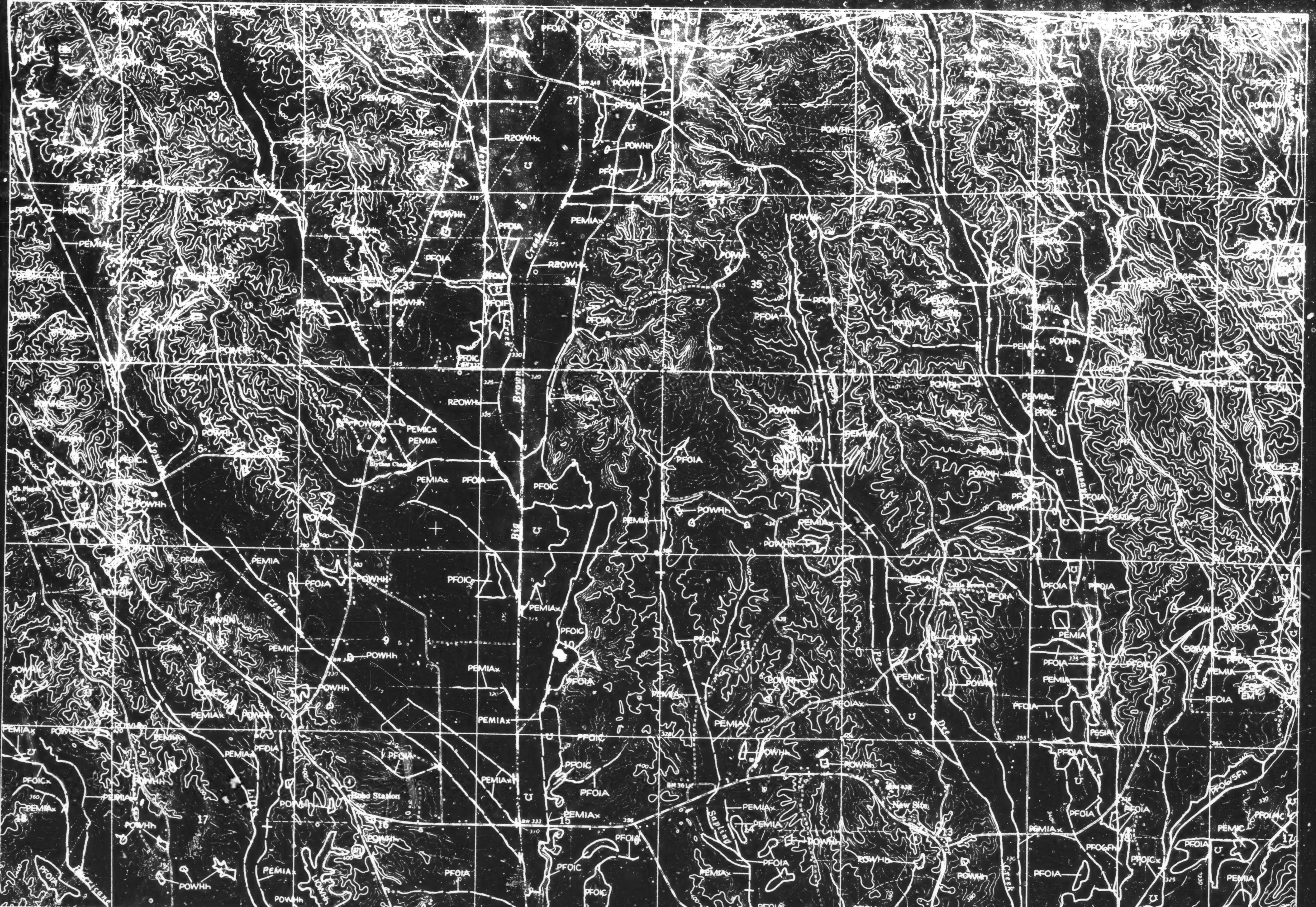
UNITED STATES DEPARTMENT OF THE INTERIOR

MARIETTA, MISS.

2TPL-9



TUPELO NE
CORINTH

3/81

34°30'
88°22'30"

MARIETTA, MISS.

SCALE 1:24 000

WETLAND LEGEND

U – Primarily represents upland areas, but may include unclassified wetlands such as man-modified areas, non photo-identifiable areas and/or unintentional omissions.

ECOLOGICAL SYSTEM – Ecological Subsystem – CLASS – Subclass

M – MARINE

1 – Subtidal

- RB – ROCK BOTTOM: 1 Bedrock; 2 Boulder
- UB – UNCONSOLIDATED BOTTOM: 1 Cobble-Gravel; 2 Sand; 3 Mud; 4 Organic
- AB – AQUATIC BED: 1 Submergent Algal; 2 Submergent Vascular; 6 Unknown Submergent
- RF – REEF: 1 Coral; 3 Worm
- OW – OPEN WATER Unknown Bottom

2 – Intertidal

- AB – AQUATIC BED: 1 Submergent Algal; 2 Submergent Vascular; 6 Unknown Submergent
- RF – REEF: 1 Coral; 3 Worm
- FL – FLAT: 1 Cobble/Gravel; 2 Sand; 3 Mud; 6 Vegetated Non pioneer
- RS – ROCKY SHORE: 1 Bedrock; 2 Boulder; 6 Vegetated Non pioneer
- BB – BEACH/BAR: 1 Cobble-Gravel; 2 Sand

E – ESTUARINE

1 – Subtidal

- RB – ROCK BOTTOM: 1 Bedrock; 2 Boulder
- UB – UNCONSOLIDATED BOTTOM: 1 Cobble/Gravel; 2 Sand; 3 Mud; 6 Organic
- AB – AQUATIC BED: 1 Submergent Algal; 2 Submergent Vascular; 4 Floating leaved; 5 Floating; 6 Unknown Submergent; 7 Unknown Surface
- RF – REEF: 2 Mollusc; 3 Worm
- OW – OPEN WATER/Unknown Bottom

2 – Intertidal

- AB – AQUATIC BED: 1 Submergent Algal; 2 Submergent Vascular; 6 Unknown Submergent; 7 Unknown Surface
- RF – REEF: 2 Mollusc; 3 Worm
- FL – FLAT: 1 Cobble/Gravel; 2 Sand; 3 Mud; 4 Organic; 5 Vegetated Pioneer; 6 Vegetated Non-pioneer
- SB – STREAMBED: 1 Cobble-Gravel; 2 Sand; 3 Mud; 4 Organic
- RS – ROCKY SHORE: 1 Bedrock; 2 Boulder; 6 Vegetated Non pioneer
- BB – BEACH/BAR: 1 Cobble-Gravel; 2 Sand
- EM – EMERGENT: 1 Persistent; 2 Nonpersistent; 3 Narrow leaved Nonpersistent; 4 Broad leaved Nonpersistent; 5 Narrow leaved Persistent; 6 Broad leaved Persistent
- SS – SCRUB/SHRUB: 1 Broad-leaved Deciduous; 3 Broad-leaved Evergreen; 4 Needle-leaved Evergreen; 5 Dead; 6 Deciduous; 7 Evergreen
- FO – FORESTED: 1 Broad-leaved Deciduous; 3 Broad leaved Evergreen; 4 Needle leaved Evergreen; 5 Dead; 6 Deciduous; 7 Evergreen

R – RIVERINE

1 – Tidal | 2 – Lower Perennial | 3 – Upper Perennial | 4 – Intermittent | 5 – Unknown Perennial

- EM – EMERGENT(1): 2 Nonpersistent; 3 Narrow leaved Nonpersistent; 4 Broad leaved Nonpersistent
- RB – ROCK BOTTOM: 1 Bedrock; 2 Boulder
- UB – UNCONSOLIDATED BOTTOM: 1 Cobble/Gravel; 2 Sand; 3 Mud; 4 Organic
- AB – AQUATIC BED: 1 Submergent Algal; 2 Submergent Vascular; 3 Submergent Moss; 4 Floating-leaved; 5 Floating; 6 Unknown Submergent; 7 Unknown Surface
- FL – FLAT: 1 Cobble/Gravel; 2 Sand; 3 Mud; 4 Organic; 5 Vegetated Pioneer; 6 Vegetated Non-pioneer
- SB – STREAMBED: 1 Cobble/Gravel; 2 Sand; 3 Mud; 4 Organic
- RS – ROCKY SHORE: 1 Bedrock; 2 Boulder
- BB – BEACH/BAR: 1 Cobble/Gravel; 2 Sand
- OW – OPEN WATER/Unknown Bottom

(1) EM – EMERGENTS are only found in the Riverine Tidal and Riverine Lower Perennial Ecological Subsystem. All other classes are found in all Riverine Ecological Subsystems.

L – LACUSTRINE

1 – Limnetic

- RB – ROCK BOTTOM: 1 Bedrock; 2 Boulder
- UB – UNCONSOLIDATED BOTTOM: 1 Cobble/Gravel; 2 Sand; 3 Mud; 4 Organic
- AB – AQUATIC BED: 1 Submergent Algal; 2 Submergent Vascular; 3 Submergent Moss; 4 Floating leaved; 5 Floating; 6 Unknown Submergent; 7 Unknown Surface
- OW – OPEN WATER Unknown Bottom

2 – Littoral

- RB – ROCK BOTTOM: 1 Bedrock; 2 Boulder
- UB – UNCONSOLIDATED BOTTOM: 1 Cobble-Gravel; 2 Sand; 3 Mud; 4 Organic
- AB – AQUATIC BED: 1 Submergent Algal; 2 Submergent Vascular; 3 Submergent Moss; 4 Floating leaved; 5 Floating; 6 Unknown Submergent; 7 Unknown Surface
- FL – FLAT: 1 Cobble/Gravel; 2 Sand; 3 Mud; 4 Organic; 5 Vegetated Pioneer; 6 Vegetated Non pioneer
- RS – ROCKY SHORE: 1 Bedrock; 2 Boulder
- BB – BEACH/BAR: 1 Cobble Gravel; 2 Sand
- EM – EMERGENT: 2 Nonpersistent; 3 Narrow leaved Nonpersistent; 4 Broad leaved Nonpersistent
- OW – OPEN WATER Unknown Bottom

P – PALUSTRINE

ECOLOGICAL SYSTEM – No Subsystem – CLASS – Subclass

- RB – ROCK BOTTOM: 1 Bedrock; 2 Boulder
- UB – UNCONSOLIDATED BOTTOM: 1 Cobble/Gravel; 2 Sand; 3 Mud; 4 Organic
- AB – AQUATIC BED: 1 Submergent Algal; 2 Submergent Vascular; 3 Submergent Moss; 4 Floating leaved; 5 Floating; 6 Unknown Submergent; 7 Unknown Surface
- FL – FLAT: 1 Cobble/Gravel; 2 Sand; 3 Mud; 4 Organic; 5 Vegetated Pioneer; 6 Vegetated Non-pioneer
- ML – MOSS-LICHEN: 1 Moss; 2 Lichen
- EM – EMERGENT: 1 Persistent; 2 Nonpersistent; 3 Narrow leaved Nonpersistent; 4 Broad leaved Nonpersistent; 5 Narrow leaved Persistent; 6 Broad leaved Persistent
- SS – SCRUB/SHRUB: 1 Broad leaved Deciduous; 2 Needle leaved Deciduous; 3 Broad leaved Evergreen; 4 Needle leaved Evergreen; 5 Dead; 6 Deciduous; 7 Evergreen
- FO – FORESTED: 1 Broad leaved Deciduous; 2 Needle leaved Deciduous; 3 Broad leaved Evergreen; 4 Needle leaved Evergreen; 5 Dead; 6 Deciduous; 7 Evergreen
- OW – OPEN WATER Unknown Bottom

MODIFYING TERMS

In order to more adequately describe wetland and aquatic habitats one or more of the water regime, water chemistry, soil, or special modifiers may be applied at the class or lower level in the hierarchy. The farmed modifier may also be applied to the ecological system.

WATER REGIME(1)

Non-Tidal		Tidal	
A Temporary	H Permanent	K Artificial	R Seasonal Tidal
B Saturated	J Intermittently Flooded	L Subtidal	S Temporary Tidal
C Seasonal	K Artificial	M Irregularly Exposed	T Semipermanent Tidal
D Seasonal Well-drained	Z Intermittently Exposed/Permanent	N Regularly	V Permanent Tidal
E Seasonal Saturated	W Intermittently Flooded/Temporary	P Irregular	U Unknown
F Semipermanent	Y Saturated/Semipermanent/Seasonals		
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WATER CHEMISTRY

Coastal Salinity	Inland Salinity	pH Modifiers for all Fresh Water
1 Hyperhaline	7 Hypersaline	a Acid
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6 Oligohaline		
0 Fresh		

SOIL

g	Organic
n	Mineral

SPECIAL MODIFIERS

b Beaver		h Diked/Impounded	
d Partially Drained/Ditched		r Artificial	
f Farmed		s Spoil	
		x Excavated	

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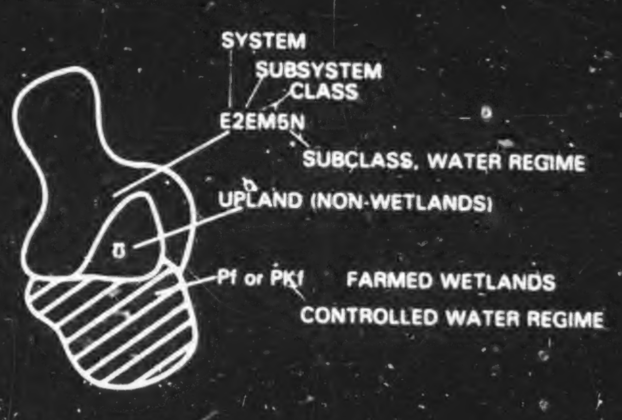

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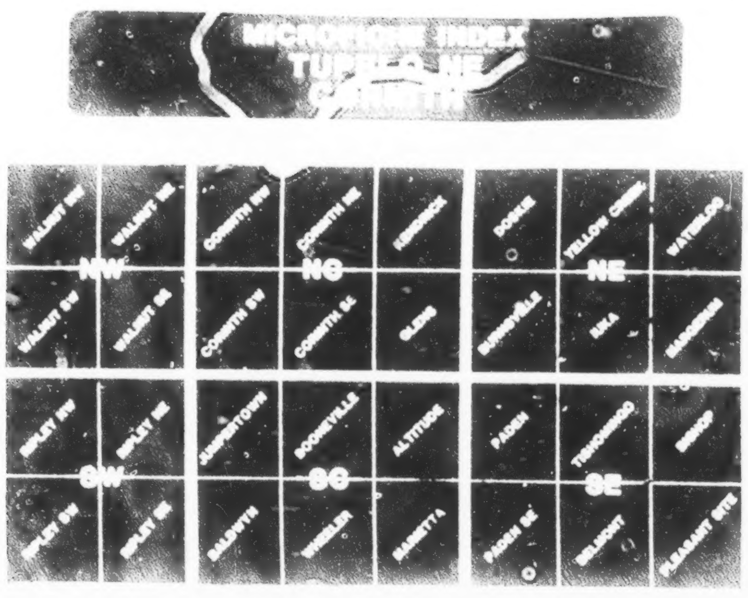

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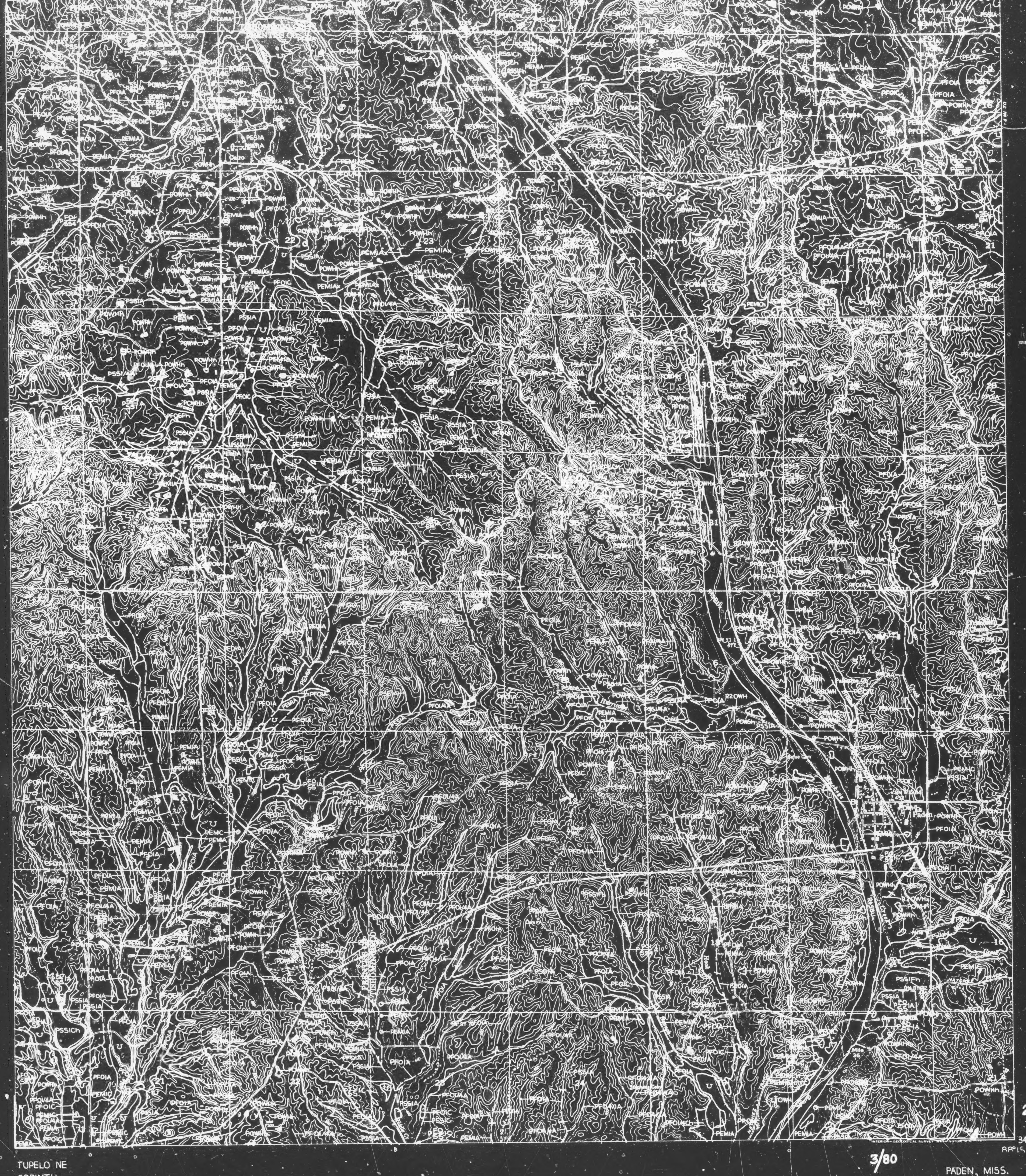

TUPELO NE
CORINTH

3/80

PADEN, MISS.

SCALE 1:24 000

WETLAND LEGEND

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ECOLOGICAL SYSTEM
Ecological Subsystem
CLASS
Subclass

M – MARINE

1 – Subtidal

- RB – ROCK BOTTOM: 1 Bedrock, 2 Boulder
- UB – UNCONSOLIDATED BOTTOM: 1 Cobble Gravel, 2 Sand, 3 Mud, 4 Organic
- AB – AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 6 Unknown Submergent
- RF – REEF: 1 Coral, 2 Worm
- OW – OPEN WATER Unknown Bottom

2 – Intertidal

- AB – AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 6 Unknown Submergent
- RF – REEF: 1 Coral, 3 Worm
- FL – FLAT: 1 Cobble/Gravel, 2 Sand, 3 Mud, 6 Vegetated Non pioneer
- RS – ROCKY SHORE: 1 Bedrock, 2 Boulder, 6 Vegetated Non pioneer
- BB – BEACH BAR: 1 Cobble Gravel, 2 Sand

ECOLOGICAL SYSTEM
Ecological Subsystem
CLASS
Subclass

E – ESTUARINE

1 – Subtidal

- RB – ROCK BOTTOM: 1 Bedrock, 2 Boulder
- UB – UNCONSOLIDATED BOTTOM: 1 Cobble/Gravel, 2 Sand, 3 Mud, 4 Organic
- AB – AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 4 Floating leaved, 5 Floating, 6 Unknown Submergent, 7 Unknown Surface
- RF – REEF: 2 Mollusc, 3 Worm
- OW – OPEN WATER Unknown Bottom

2 – Intertidal

- AB – AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 6 Unknown Submergent, 7 Unknown Surface
- RF – REEF: 2 Mollusc, 3 Worm
- FL – FLAT: 1 Cobble/Gravel, 2 Sand, 3 Mud, 4 Organic, 5 Vegetated Pioneer, 6 Vegetated Non pioneer
- SB – STREAMBED: 1 Cobble/Gravel, 2 Sand, 3 Mud, 4 Organic
- RS – ROCKY SHORE: 1 Bedrock, 2 Boulder, 6 Vegetated Non pioneer
- BB – BEACH/BAR: 1 Cobble/Gravel, 2 Sand
- EM – EMERGENT: 1 Persistent, 2 Nonpersistent, 3 Narrow leaved Nonpersistent, 4 Broad leaved Nonpersistent, 5 Narrow leaved Persistent, 6 Broad leaved Persistent
- SS – SCRUB/SHRUB: 1 Broad leaved Deciduous, 3 Broad leaved Evergreen, 4 Needle leaved Evergreen, 5 Dead, 6 Deciduous, 7 Evergreen
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ECOLOGICAL SYSTEM
Ecological Subsystem
CLASS
Subclass

R – RIVERINE

1 – Tidal   2 – Lower Perennial   3 – Upper Perennial   4 – Intermittent   5 – Unknown Perennial

- EM – EMERGENT(1): 2 Nonpersistent, 3 Narrow leaved Nonpersistent, 4 Broad leaved Nonpersistent
- RB – ROCK BOTTOM: 1 Bedrock, 2 Boulder
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- OW – OPEN WATER Unknown Bottom

2 – Littoral

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ECOLOGICAL SYSTEM
No Subsystem
CLASS
Subclass

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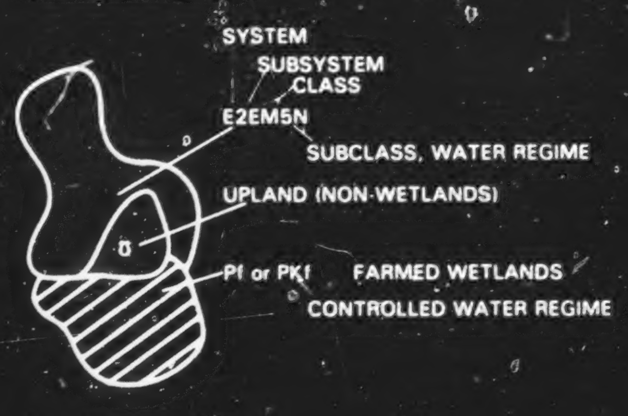

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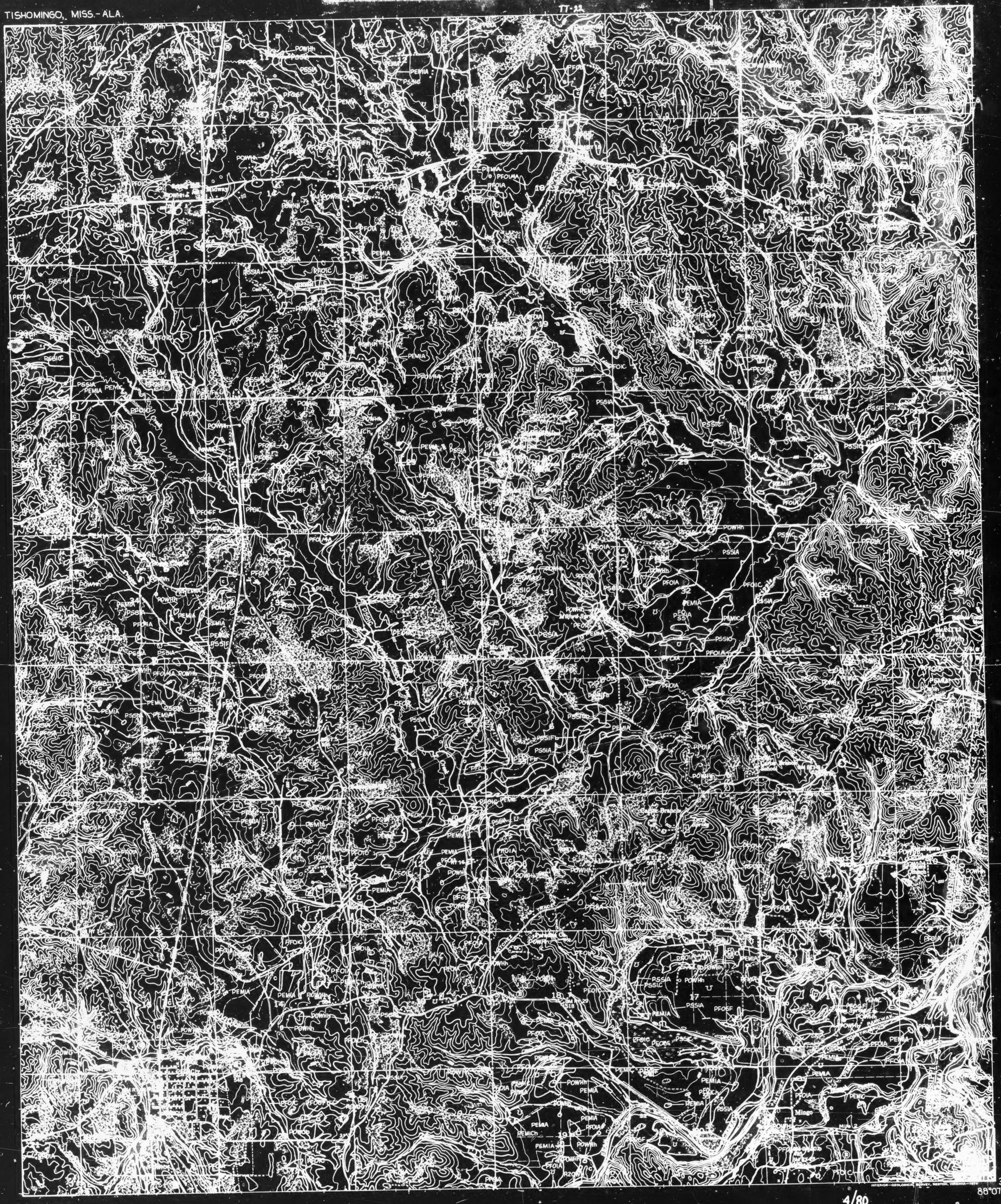
MICROFICHE INDEX
TUPELO NE
CORINTH

NW		NC			NE		
WALNUT NW	WALNUT NE	CORINTH NW	CORINTH NE	KENDRICK	DOSKIE	YELLOW CREEK	WATERLOO
WALNUT SW	WALNUT SE	CORINTH SW	CORINTH SE	GLEN	BURNSVILLE	IUKA	MARGERUM
RIPLEY NW	RIPLEY NE	JUMPERTOWN	BOONEVILLE	ALTITUDE	PADEN	TISHOMINGO	DENNIS
RIPLEY SW	RIPLEY SE	BALDWYN	WHEELER	MARIETTA	PADEN SE	BELMONT	PLEASANT SITE
SW		SC			SE		

TISHOMINGO, MISS.-ALA.



28

34°37'30"
88°07'30"

4/80

TISHOMINGO, MISS.-ALA.

TUPELO NE
CORINTH

SCALE 1:24000

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- RF REEF: 1 Coral, 3 Worm
- OW OPEN WATER Unknown Bottom

2 – Intertidal

- AB AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 6 Unknown Submergent
- RF REEF: 1 Coral, 3 Worm
- FL FLAT: 1 Cobble/Gravel, 2 Sand, 3 Mud, 6 Vegetated Non pioneer
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- BB – BEACH/BAR: 1 Cobble/Gravel, 2 Sand
- OW OPEN WATER Unknown Bottom

(1) EM – EMERGENTS are only found in the Riverine Tidal and Riverine Lower Perennial Ecological Subsystem. All other classes are found in all Riverine Ecological Subsystems.

L – LACUSTRINE

1 – Limnetic

- RB ROCK BOTTOM: 1 Bedrock, 2 Boulder
- UB UNCONSOLIDATED BOTTOM: 1 Cobble/Gravel, 2 Sand, 3 Mud, 4 Organic
- AB AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 3 Submergent Moss, 4 Floating leaved, 5 Floating, 6 Unknown Submergent, 7 Unknown Surface
- OW OPEN WATER Unknown Bottom

2 – Littoral

- RB ROCK BOTTOM: 1 Bedrock, 2 Boulder
- UB UNCONSOLIDATED BOTTOM: 1 Cobble Gravel, 2 Sand, 3 Mud, 4 Organic
- AB AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 3 Submergent Moss, 4 Floating leaved, 5 Floating, 6 Unknown Submergent, 7 Unknown Surface
- FL FLAT: 1 Cobble/Gravel, 2 Sand, 3 Mud, 4 Organic, 5 Vegetated Pioneer, 6 Vegetated Non pioneer
- RS ROCKY SHORE: 1 Bedrock, 2 Boulder
- BB BEACH BAR: 1 Cobble Gravel, 2 Sand
- EM EMERGENT: 2 Nonpersistent, 3 Narrow leaved Nonpersistent, 4 Broad leaved Nonpersistent
- OW OPEN WATER Unknown Bottom

P – PALUSTRINE

No Subsystem

- RB – ROCK BOTTOM: 1 Bedrock, 2 Boulder
- UB – UNCONSOLIDATED BOTTOM: 1 Cobble/Gravel, 2 Sand, 3 Mud, 4 Organic
- AB – AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 3 Submergent Moss, 4 Floating leaved, 5 Floating, 6 Unknown Submergent, 7 Unknown Surface
- FL FLAT: 1 Cobble/Gravel, 2 Sand, 3 Mud, 4 Organic, 5 Vegetated Pioneer, 6 Vegetated Non pioneer
- ML MOSS-LICHEN: 1 Moss, 2 Lichen
- EM EMERGENT: 1 Persistent, 2 Nonpersistent, 3 Narrow leaved Nonpersistent, 4 Broad leaved Nonpersistent, 5 Narrow leaved Persistent, 6 Broad leaved Persistent
- SS SCRUB/SHRUB: 1 Broad leaved Deciduous, 2 Needle leaved Deciduous, 3 Broad leaved Evergreen, 4 Needle leaved Evergreen, 5 Dead, 6 Deciduous, 7 Evergreen
- FO FORESTED: 1 Broad leaved Deciduous, 2 Needle leaved Deciduous, 3 Broad leaved Evergreen, 4 Needle leaved Evergreen, 5 Dead, 6 Deciduous, 7 Evergreen
- OW OPEN WATER Unknown Bottom

MODIFYING TERMS

In order to more adequately describe wetland and aquatic habitats one or more of the water regime, water chemistry, soil, or special modifiers may be applied at the class or lower level in the hierarchy. The farmed modifier may also be applied to the ecological system.

WATER REGIME(1)

Non-Tidal: A Temporary; B Saturated; C Seasonal; D Seasonal Well-drained; E Seasonal Saturated; F Semipermanent; G Intermittently Exposed; H Permanent; J Intermittently Flooded; K Artificial; Z Intermittently Exposed/Permanent; W Intermittently Flooded/Temporary; Y Saturated/Semipermanent/Seasonal; U Unknown

Tidal: K Artificial; L Subtidal; M Irregularly Exposed; N Regular; P Irregular; R Seasonal Tidal; S Temporary Tidal; T Semipermanent Tidal; V Permanent Tidal; U Unknown

WATER CHEMISTRY

Coastal Salinity: 1 Hyperhaline; 2 Euhaline; 3 Mixohaline (Brackish); 4 Polyhaline; 5 Mesohaline; 6 Oligohaline; 0 Fresh

Inland Salinity: 7 Hypersaline; 8 Eusaline; 9 Mixosaline; 0 Fresh

pH Modifiers for all Fresh Water: a Acid; t Circumneutral; i Alkaline

SOIL: g Organic; n Mineral

SPECIAL MODIFIERS: b Beaver; d Partially Drained/Ditched; f Farmed; h Diked/Impounded; r Artificial; s Spoil; x Excavated

(1) Information on the water regime modifiers found on this legend, but not found in the classification system, may be obtained from the above listed source.

SPECIAL NOTE

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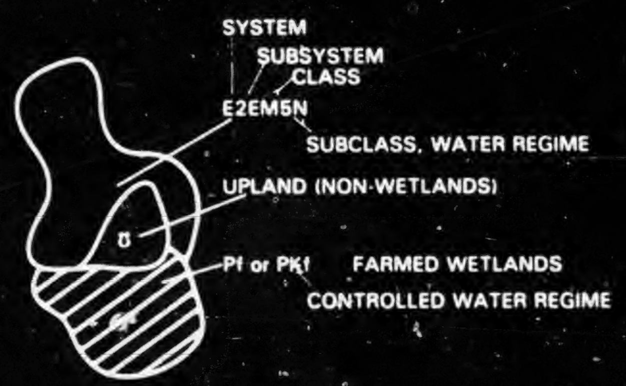

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- Additions or corrections to the wetlands information displayed on this map are solicited. Please forward such information to the address indicated.

MICROFICHE INDEX
TUPELO NE
CORINTH

WALNUT NW	WALNUT NE	CORINTH NW	CORINTH NE	KENDRICK	DOSKIE	YELLOW CREEK	WATERLOO
WALNUT SW	WALNUT SE	CORINTH SW	CORINTH SE	GLEN	BURNSVILLE	IUKA	MARGERUM
RIPLEY NW	RIPLEY NE	JUMPERTOWN	BOONEVILLE	ALTITUDE	PADEN	TISHOMINGO	BISHOP
RIPLEY SW	RIPLEY SE	BALDWYN	WHEELER	MARIETTA	PADEN SE	BELMONT	PLEASANT SITE

Quadrant labels: NW, NC, NE (top rows); SW, SC, SE (bottom rows)

NATIONAL WETLANDS INVENTORY
UNITED STATES DEPARTMENT OF THE INTERIOR

BISHOP, ALA-MISS.

4/80

BISHOP, ALA-MISS.

TUPELO NE
CORINTH

WETLAND LEGEND

U – Primarily represents upland areas, but may include unclassified wetlands such as man-modified areas, non photo-identifiable areas and/or unintentional omissions.

ECOLOGICAL SYSTEM
Ecological Subsystem
CLASS
Subclass

M – MARINE

1 – Subtidal

- RB ROCK BOTTOM: 1 Bedrock, 2 Boulder
- UB UNCONSOLIDATED BOTTOM: 1 Cobble Gravel, 2 Sand, 3 Mud, 4 Organic
- AB AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 6 Unknown Submergent
- RF REEF: 1 Coral, 3 Worm
- OW OPEN WATER Unknown Bottom

2 – Intertidal

- AB AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 6 Unknown Submergent
- RF REEF: 1 Coral, 3 Worm
- FL FLAT: 1 Cobble/Gravel, 2 Sand, 3 Mud, 6 Vegetated Non pioneer
- RS ROCKY SHORE: 1 Bedrock, 2 Boulder, 6 Vegetated Non pioneer
- BB BEACH/BAR: 1 Cobble Gravel, 2 Sand

ECOLOGICAL SYSTEM
Ecological Subsystem
CLASS
Subclass

E – ESTUARINE

1 – Subtidal

- RB – ROCK BOTTOM: 1 Bedrock, 2 Boulder
- UB – UNCONSOLIDATED BOTTOM: 1 Cobble/Gravel, 2 Sand, 3 Mud, 4 Organic
- AB – AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 4 Floating leaved, 5 Floating, 6 Unknown Submergent, 7 Unknown Surface
- RF – REEF: 2 Mollusc, 3 Worm
- OW OPEN WATER/ Unknown Bottom

2 – Intertidal

- AB – AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 6 Unknown Submergent, 7 Unknown Surface
- RF REEF: 2 Mollusc, 3 Worm
- FL FLAT: 1 Cobble/Gravel, 2 Sand, 3 Mud, 4 Organic, 5 Vegetated Pioneer, 6 Vegetated Non pioneer
- SB STREAMBED: 1 Cobble/Gravel, 2 Sand, 3 Mud, 4 Organic
- RS ROCKY SHORE: 1 Bedrock, 2 Boulder, 6 Vegetated Non pioneer
- BB BEACH/BAR: 1 Cobble Gravel, 2 Sand
- EM – EMERGENT: 1 Persistent, 2 Nonpersistent, 3 Narrow leaved Nonpersistent, 4 Broad leaved Nonpersistent, 5 Narrow leaved Persistent, 6 Broad leaved Persistent
- SS – SCRUB/SHRUB: 1 Broad-leaved Deciduous, 3 Broad-leaved Evergreen, 4 Needle-leaved Evergreen, 5 Dead, 6 Deciduous, 7 Evergreen
- FO FORESTED: 1 Broad leaved Deciduous, 3 Broad leaved Evergreen, 4 Needle leaved Evergreen, 5 Dead, 6 Deciduous, 7 Evergreen

ECOLOGICAL SYSTEM
Ecological Subsystem
CLASS
Subclass

R – RIVERINE

1 – Tidal · 2 – Lower Perennial · 3 – Upper Perennial · 4 – Intermittent · 5 – Unknown Perennial

- EM – EMERGENT(1): 2 Nonpersistent, 3 Narrow leaved Nonpersistent, 4 Broad leaved Nonpersistent
- RB – ROCK BOTTOM: 1 Bedrock, 2 Boulder
- UB – UNCONSOLIDATED BOTTOM: 1 Cobble/Gravel, 2 Sand, 3 Mud, 4 Organic
- AB – AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 3 Submergent Moss, 4 Floating-leaved, 5 Floating, 6 Unknown Submergent, 7 Unknown Surface
- FL – FLAT: 1 Cobble/Gravel, 2 Sand, 3 Mud, 4 Organic, 5 Vegetated Pioneer, 6 Vegetated Non pioneer
- SB – STREAMBED: 1 Cobble/Gravel, 2 Sand, 3 Mud, 4 Organic
- RS – ROCKY SHORE: 1 Bedrock, 2 Boulder
- BB – BEACH/BAR: 1 Cobble/Gravel, 2 Sand
- OW – OPEN WATER/ Unknown Bottom

(1) EM – EMERGENTS are only found in the Riverine Tidal and Riverine Lower Perennial Ecological Subsystem. All other classes are found in all Riverine Ecological Subsystems.

ECOLOGICAL SYSTEM
Ecological Subsystem
CLASS
Subclass

L – LACUSTRINE

1 – Limnetic

- RB ROCK BOTTOM: 1 Bedrock, 2 Boulder
- UB UNCONSOLIDATED BOTTOM: 1 Cobble/Gravel, 2 Sand, 3 Mud, 4 Organic
- AB AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 3 Submergent Moss, 4 Floating leaved, 5 Floating, 6 Unknown Submergent, 7 Unknown Surface
- OW OPEN WATER Unknown Bottom

2 – Littoral

- RB ROCK BOTTOM: 1 Bedrock, 2 Boulder
- UB UNCONSOLIDATED BOTTOM: 1 Cobble Gravel, 2 Sand, 3 Mud, 4 Organic
- AB AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 3 Submergent Moss, 4 Floating leaved, 5 Floating, 6 Unknown Submergent, 7 Unknown Surface
- FL FLAT: 1 Cobble/Gravel, 2 Sand, 3 Mud, 4 Organic, 5 Vegetated Pioneer, 6 Vegetated Non pioneer
- RS ROCKY SHORE: 1 Bedrock, 2 Boulder
- BB BEACH BAR: 1 Cobble Gravel, 2 Sand
- EM EMERGENT: 2 Nonpersistent, 3 Narrow leaved Nonpersistent, 4 Broad leaved Nonpersistent
- OW OPEN WATER Unknown Bottom

ECOLOGICAL SYSTEM
Subsystem
CLASS
Subclass

P – PALUSTRINE

- RB – ROCK BOTTOM: 1 Bedrock, 2 Boulder
- UB – UNCONSOLIDATED BOTTOM: 1 Cobble/Gravel, 2 Sand, 3 Mud, 4 Organic
- AB – AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 3 Submergent Moss, 4 Floating-leaved, 5 Floating, 6 Unknown Submergent, 7 Unknown Surface
- FL – FLAT: 1 Cobble/Gravel, 2 Sand, 3 Mud, 4 Organic, 5 Vegetated Pioneer, 6 Vegetated Non pioneer
- ML – MOSS-LICHEN: 1 Moss, 2 Lichen
- EM – EMERGENT: 1 Persistent, 2 Nonpersistent, 3 Narrow leaved Nonpersistent, 4 Broad leaved Nonpersistent, 5 Narrow leaved Persistent, 6 Broad leaved Persistent
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- FO FORESTED: 1 Broad leaved Deciduous, 2 Needle leaved Deciduous, 3 Broad leaved Evergreen, 4 Needle leaved Evergreen, 5 Dead, 6 Deciduous, 7 Evergreen
- OW OPEN WATER Unknown Bottom

MODIFYING TERMS

In order to more adequately describe wetland and aquatic habitats one or more of the water regime, water chemistry, soil, or special modifiers may be applied at the class or lower level in the hierarchy. The farmed modifier may also be applied to the ecological system.

WATER REGIME(1)		WATER CHEMISTRY			SOIL	SPECIAL MODIFIERS
Non-Tidal	Tidal	Coastal Salinity	Inland Salinity	pH Modifiers for all Fresh Water		
A Temporary B Saturated C Seasonal D Seasonal Well-drained E Seasonal Saturated F Semipermanent G Intermittently Exposed H Permanent J Intermittently Flooded K Artificial Z Intermittently Exposed/Permanent W Intermittently Flooded/Temporary Y Saturated/Semipermanent/Seasonal U Unknown	K Artificial L Subtidal M Irregularly Exposed N Regular P Irregular R Seasonal Tidal S Temporary Tidal T Semipermanent Tidal V Permanent Tidal U Unknown	1 Hyperhaline 2 Euhaline 3 Mixohaline (Brackish) 4 Polyhaline 5 Mesohaline 6 Oligohaline 0 Fresh	7 Hypersaline 8 Eusaline 9 Mixosaline 0 Fresh	a Acid t Circumneutral i Alkaline	g Organic n Mineral	b Beaver d Partially Drained/Ditched f Farmed h Diked/Impounded r Artificial s Spoil x Excavated

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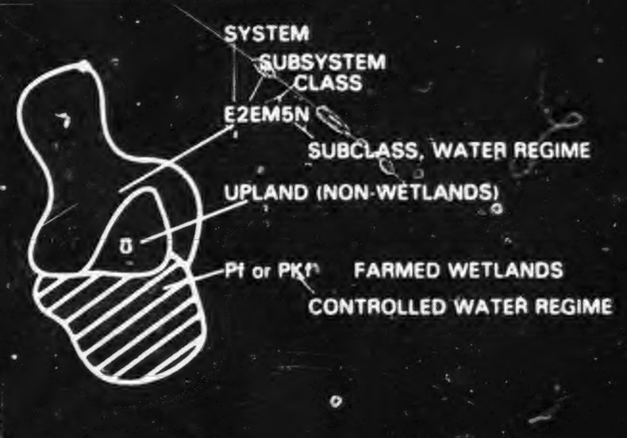

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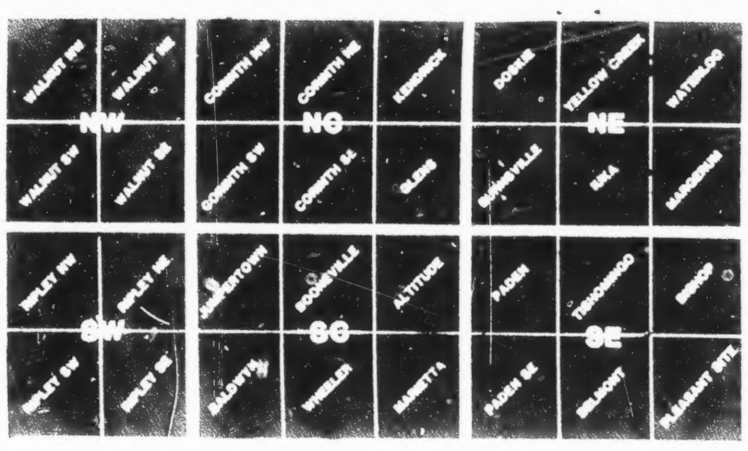
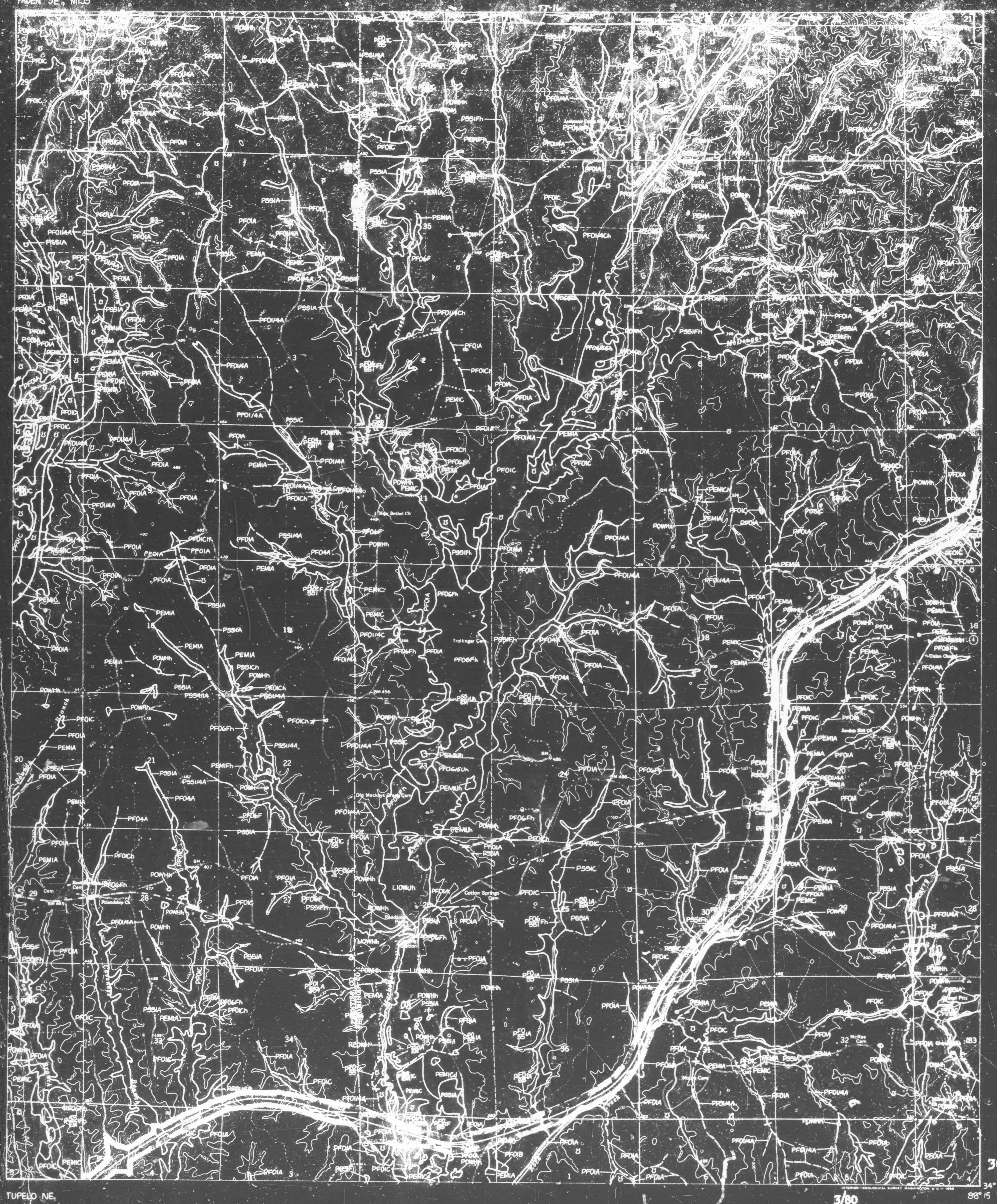
MICROFICHE INDEX
TUPELO NE
CORINTH



NATIONAL WETLANDS INVENTORY
UNITED STATES DEPARTMENT OF THE INTERIOR

PADEN SE, MISS



30

TUPELO NE
CORINTH

3/80

34° 30'
88° 15'

PADEN SE., MISS.

SCALE 1:24000

WETLAND LEGEND

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ECOLOGICAL SYSTEM / Ecological Subsystem / CLASS / Subclass

M – MARINE

1 – Subtidal
- RB ROCK BOTTOM: 1 Bedrock; 2 Boulder
- UB UNCONSOLIDATED BOTTOM: 1 Cobble-Gravel; 2 Sand; 3 Mud; 4 Organic
- AB AQUATIC BED: 1 Submergent Algal; 2 Submergent Vascular; 6 Unknown Submergent
- RF REEF: 1 Coral; 3 Worm
- OW OPEN WATER Unknown Bottom

2 – Intertidal
- AB AQUATIC BED: 1 Submergent Algal; 2 Submergent Vascular; 6 Unknown Submergent
- RF REEF: 1 Coral; 3 Worm
- FL FLAT: 1 Cobble/Gravel; 2 Sand; 3 Mud; 6 Vegetated Non pioneer
- RS ROCKY SHORE: 1 Bedrock; 2 Boulder; 6 Vegetated Non pioneer
- BB BEACH BAR: 1 Cobble-Gravel; 2 Sand

E – ESTUARINE

1 – Subtidal
- RB – ROCK BOTTOM: 1 Bedrock; 2 Boulder
- UB – UNCONSOLIDATED BOTTOM: 1 Cobble/Gravel; 2 Sand; 3 Mud; 4 Organic
- AB – AQUATIC BED: 1 Submergent Algal; 2 Submergent Vascular; 4 Floating-leaved; 5 Floating; 6 Unknown Submergent; 7 Unknown Surface
- RF – REEF: 2 Mollusc; 3 Worm
- OW – OPEN WATER/ Unknown Bottom

2 – Intertidal
- AB – AQUATIC BED: 1 Submergent Algal; 2 Submergent Vascular; 6 Unknown Submergent; 7 Unknown Surface
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- EM – EMERGENT(1): 2 Nonpersistent; 3 Narrow leaved Nonpersistent; 4 Broad leaved Nonpersistent
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- FL FLAT: 1 Cobble/Gravel; 2 Sand; 3 Mud; 4 Organic; 5 Vegetated Pioneer; 6 Vegetated Non pioneer
- RS ROCKY SHORE: 1 Bedrock; 2 Boulder
- BB BEACH BAR: 1 Cobble Gravel; 2 Sand
- EM EMERGENT: 2 Nonpersistent; 3 Narrow leaved Nonpersistent; 4 Broad leaved Nonpersistent
- OW OPEN WATER Unknown Bottom

P – PALUSTRINE

ECOLOGICAL SYSTEM / No Subsystem / CLASS / Subclass

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WATER REGIME(1)

Non-Tidal		Tidal	
A Temporary	H Permanent	K Artificial	R Seasonal Tidal
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C Seasonal	K Artificial	M Irregularly Exposed	T Semipermanent Tidal
D Seasonal Well-drained	Z Intermittently Exposed/Permanent	N Regular	V Permanent Tidal
E Seasonal Saturated	W Intermittently Flooded/Temporary	P Irregular	U Unknown
F Semipermanent	Y Saturated/Semipermanent/Seasonal		
G Intermittently Exposed	U Unknown		

WATER CHEMISTRY

Coastal Salinity	Inland Salinity	pH Modifiers for all Fresh Water
1 Hyperhaline	7 Hypersaline	a Acid
2 Euhaline	8 Eusaline	t Circumneutral
3 Mixohaline (Brackish)	9 Mixosaline	i Alkaline
4 Polyhaline	0 Fresh	
5 Mesohaline		
6 Oligohaline		
0 Fresh		

SOIL

g Organic
n Mineral

SPECIAL MODIFIERS

b Beaver	h Diked/Impounded
d Partially Drained/Ditched	r Artificial
f Farmed	s Spoil
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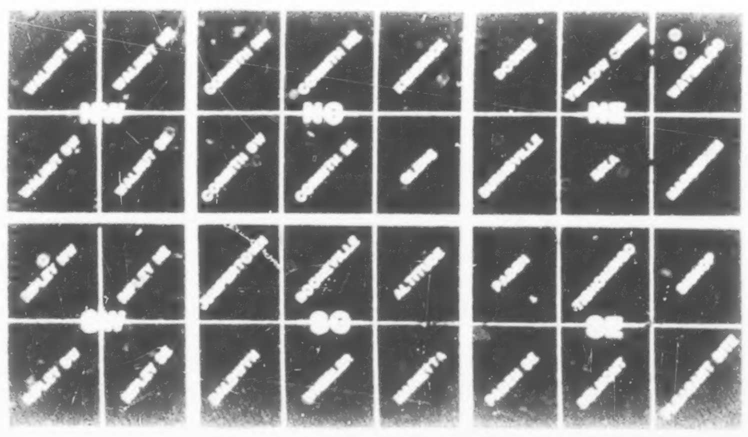
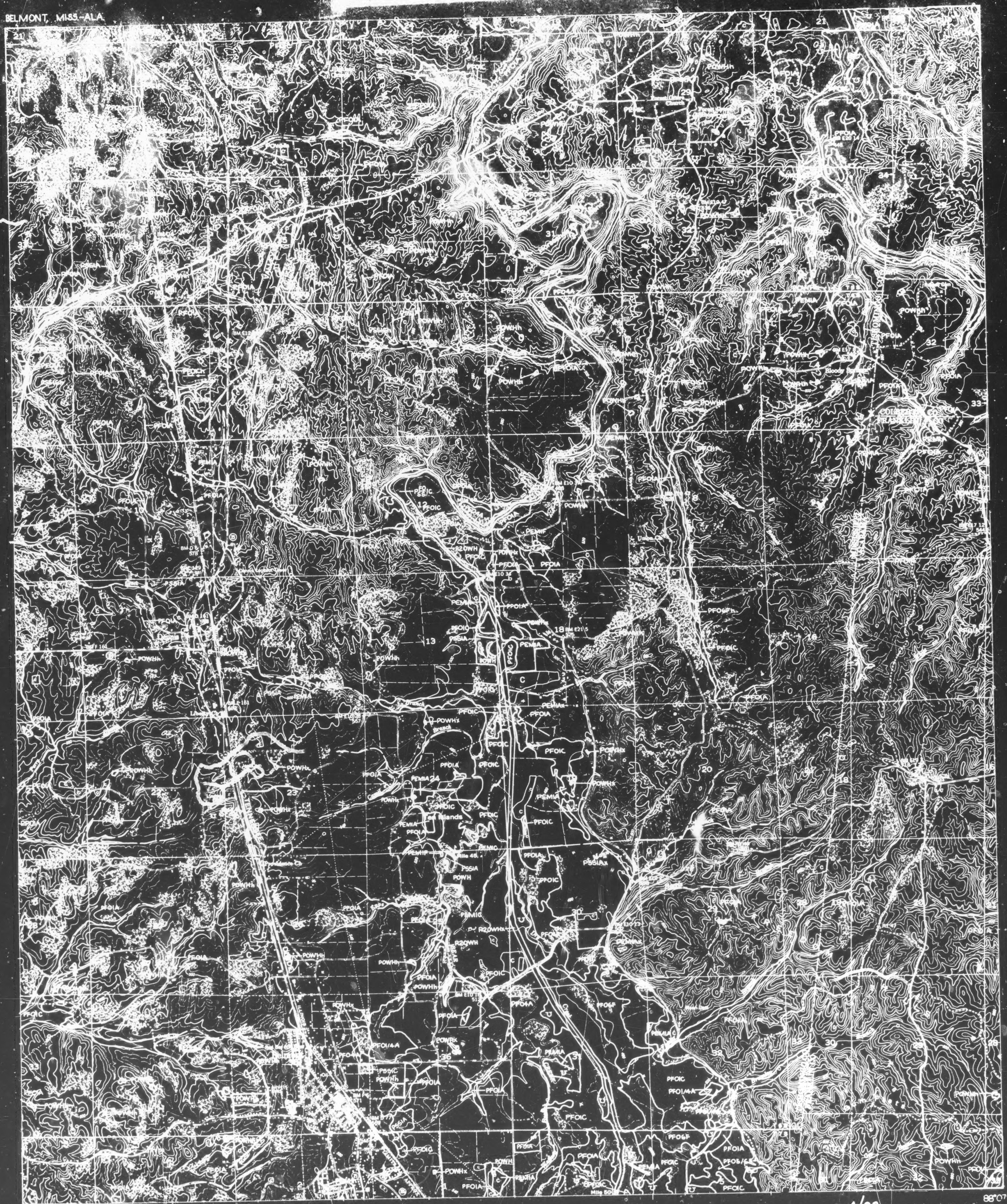


2TPL-13

BELMONT, MISS.-ALA.



4/80

TUPELO NE
CORINTH

BELMONT, MISS.-ALA.

SCALE 1:24 000

WETLAND LEGEND

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Ecological Subsystem
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Subclass

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- RF REEF: 1 Coral; 3 Worm
- OW OPEN WATER Unknown Bottom

2 – Intertidal

- AB AQUATIC BED: 1 Submergent Algal; 2 Submergent Vascular; 6 Unknown Submergent
- RF REEF: 1 Coral; 3 Worm
- FL FLAT: 1 Cobble/Gravel; 2 Sand; 3 Mud; 6 Vegetated Non pioneer
- RS ROCKY SHORE: 1 Bedrock; 2 Boulder; 6 Vegetated Non pioneer
- BB BEACH/BAR: 1 Cobble-Gravel; 2 Sand

ECOLOGICAL SYSTEM
Ecological Subsystem
CLASS
Subclass

E – ESTUARINE

1 – Subtidal

- RB – ROCK BOTTOM: 1 Bedrock; 2 Boulder
- UB – UNCONSOLIDATED BOTTOM: 1 Cobble/Gravel; 2 Sand; 3 Mud; 4 Organic
- AB – AQUATIC BED: 1 Submergent Algal; 2 Submergent Vascular; 4 Floating-leaved; 5 Floating; 6 Unknown Submergent; 7 Unknown Surface
- RF – REEF: 2 Mollusc; 3 Worm
- OW – OPEN WATER/ Unknown Bottom

2 – Intertidal

- AB – AQUATIC BED: 1 Submergent Algal; 2 Submergent Vascular; 6 Unknown Submergent; 7 Unknown Surface
- RF – REEF: 2 Mollusc; 3 Worm
- FL – FLAT: 1 Cobble/Gravel; 2 Sand; 3 Mud; 4 Organic; 5 Vegetated Pioneer; 6 Vegetated Non-pioneer
- SB – STREAMBED: 1 Cobble/Gravel; 2 Sand; 3 Mud; 4 Organic
- RS – ROCKY SHORE: 1 Bedrock; 2 Boulder; 6 Vegetated Non pioneer
- BB – BEACH/BAR: 1 Cobble-Gravel; 2 Sand
- EM – EMERGENT: 1 Persistent; 2 Nonpersistent; 3 Narrow leaved Nonpersistent; 4 Broad leaved Nonpersistent; 5 Narrow leaved Persistent; 6 Broad leaved Persistent
- SS – SCRUB/SHRUB: 1 Broad leaved Deciduous; 3 Broad-leaved Evergreen; 4 Needle-leaved Evergreen; 5 Dead; 6 Deciduous; 7 Evergreen
- FO – FORESTED: 1 Broad-leaved Deciduous; 3 Broad-leaved Evergreen; 4 Needle-leaved Evergreen; 5 Dead; 6 Deciduous; 7 Evergreen

ECOLOGICAL SYSTEM
Ecological Subsystem
CLASS
Subclass

R – RIVERINE

1 – Tidal **2 – Lower Perennial** **3 – Upper Perennial** **4 – Intermittent** **5 – Unknown Perennial**

- EM – EMERGENT(1): 2 Nonpersistent; 3 Narrow leaved Nonpersistent; 4 Broad leaved Nonpersistent
- RB – ROCK BOTTOM: 1 Bedrock; 2 Boulder
- UB – UNCONSOLIDATED BOTTOM: 1 Cobble/Gravel; 2 Sand; 3 Mud; 4 Organic
- AB – AQUATIC BED: 1 Submergent Algal; 2 Submergent Vascular; 3 Submergent Moss; 4 Floating-leaved; 5 Floating; 6 Unknown Submergent; 7 Unknown Surface
- FL – FLAT: 1 Cobble/Gravel; 2 Sand; 3 Mud; 4 Organic; 5 Vegetated Pioneer; 6 Vegetated Non-pioneer
- SB – STREAMBED: 1 Cobble/Gravel; 2 Sand; 3 Mud; 4 Organic
- RS – ROCKY SHORE: 1 Bedrock; 2 Boulder
- BB – BEACH/BAR: 1 Cobble/Gravel; 2 Sand
- OW – OPEN WATER/ Unknown Bottom

(1) EM – EMERGENTS are only found in the Riverine Tidal and Riverine Lower Perennial Ecological Subsystem. All other classes are found in all Riverine Ecological Subsystems.

L – LACUSTRINE

ECOLOGICAL SYSTEM
Ecological Subsystem
CLASS
Subclass

1 – Limnetic

- RB ROCK BOTTOM: 1 Bedrock; 2 Boulder
- UB UNCONSOLIDATED BOTTOM: 1 Cobble/Gravel; 2 Sand; 3 Mud; 4 Organic
- AB AQUATIC BED: 1 Submergent Algal; 2 Submergent Vascular; 3 Submergent Moss; 4 Floating leaved; 5 Floating; 6 Unknown Submergent; 7 Unknown Surface
- OW OPEN WATER Unknown Bottom

2 – Littoral

- RB ROCK BOTTOM: 1 Bedrock; 2 Boulder
- UB UNCONSOLIDATED BOTTOM: 1 Cobble-Gravel; 2 Sand; 3 Mud; 4 Organic
- AB AQUATIC BED: 1 Submergent Algal; 2 Submergent Vascular; 3 Submergent Moss; 4 Floating leaved; 5 Floating; 6 Unknown Submergent; 7 Unknown Surface
- FL FLAT: 1 Cobble/Gravel; 2 Sand; 3 Mud; 4 Organic; 5 Vegetated Pioneer; 6 Vegetated Non pioneer
- RS ROCKY SHORE: 1 Bedrock; 2 Boulder
- BB BEACH BAR: 1 Cobble Gravel; 2 Sand
- EM EMERGENT: 2 Nonpersistent; 3 Narrow leaved Nonpersistent; 4 Broad leaved Nonpersistent
- OW OPEN WATER Unknown Bottom

ECOLOGICAL SYSTEM
No Subsystem
CLASS
Subclass

P – PALUSTRINE

- RB – ROCK BOTTOM: 1 Bedrock; 2 Boulder
- UB – UNCONSOLIDATED BOTTOM: 1 Cobble/Gravel; 2 Sand; 3 Mud; 4 Organic
- AB – AQUATIC BED: 1 Submergent Algal; 2 Submergent Vascular; 3 Submergent Moss; 4 Floating-leaved; 5 Floating; 6 Unknown Submergent; 7 Unknown Surface
- FL – FLAT: 1 Cobble/Gravel; 2 Sand; 3 Mud; 4 Organic; 5 Vegetated Pioneer; 6 Vegetated Non-pioneer
- ML MOSS/LICHEN: 1 Moss; 2 Lichen
- EM EMERGENT: 1 Persistent; 2 Nonpersistent; 3 Narrow-leaved Nonpersistent; 4 Broad leaved Nonpersistent; 5 Narrow leaved Persistent; 6 Broad leaved Persistent
- SS SCRUB/SHRUB: 1 Broad leaved Deciduous; 2 Needle leaved Deciduous; 3 Broad leaved Evergreen; 4 Needle leaved Evergreen; 5 Dead; 6 Deciduous; 7 Evergreen
- FO FORESTED: 1 Broad leaved Deciduous; 2 Needle leaved Deciduous; 3 Broad leaved Evergreen; 4 Needle leaved Evergreen; 5 Dead; 6 Deciduous; 7 Evergreen
- OW OPEN WATER Unknown Bottom

MODIFYING TERMS

In order to more adequately describe wetland and aquatic habitats one or more of the water regime, water chemistry, soil, or special modifiers may be applied at the class or lower level in the hierarchy. The farmed modifier may also be applied to the ecological system.

WATER REGIME(1)

Non-Tidal		Tidal	
A Temporary	H Permanent	K Artificial	R Seasonal Tidal
B Saturated	J Intermittently Flooded	L Subtidal	S Temporary Tidal
C Seasonal	K Artificial	M Irregularly Exposed	T Semipermanent Tidal
D Seasonal Well-drained	Z Intermittently Exposed/Permanent	N Regular	V Permanent Tidal
E Seasonal Saturated	W Intermittently Flooded/Temporary	P Irregular	U Unknown
F Semipermanent	Y Saturated/Semipermanent/Seasonal		
G Intermittently Exposed	U Unknown		

WATER CHEMISTRY

Coastal Salinity	Inland Salinity	pH Modifiers for all Fresh Water
1 Hyperhaline	7 Hypersaline	a Acid
2 Euhaline	8 Eusaline	t Circumneutral
3 Mixohaline (Brackish)	9 Mixosaline	i Alkaline
4 Polyhaline	0 Fresh	
5 Mesohaline		
6 Oligohaline		
0 Fresh		

SOIL

g Organic
n Mineral

SPECIAL MODIFIERS

b Beaver	h Diked/Impounded
d Partially Drained/Ditched	r Artificial
f Farmed	s Spoil
	x Excavated

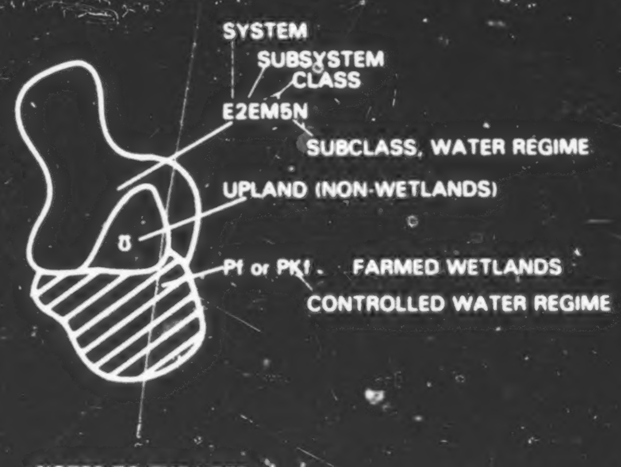
(1) Information on the water regime modifiers found on this legend, but not found in the classification system, may be obtained from the above listed source.

SPECIAL NOTE

This document was prepared primarily by stereoscopic analysis of high altitude aerial photographs. Wetlands were identified on the photographs based on vegetation, visible hydrology, and geography in accordance with **Classification of Wetlands and Deep-Water Habitats of the United States** (An Operational Draft), Cowardin, et al, 1977. The aerial photographs typically reflect conditions during the specific year and season when they were taken. In addition, there is a margin of error inherent in the use of the aerial photographs. Thus, a detailed on the ground and historical analysis of a single site may result in a revision of the wetland boundaries established through photographic interpretation. In addition, some small wetlands and those obscured by dense forest cover may not be included on this document.

Federal, State and local regulatory agencies with jurisdiction over wetlands may define and describe wetlands in a different manner than that used in this inventory. There is no attempt, in either the design or products of this inventory, to define the limits of proprietary jurisdiction of any Federal, State or local government or to establish the geographical scope of the regulatory programs of government agencies. Persons intending to engage in activities involving modifications within or adjacent to wetland areas should seek the advice of appropriate Federal, State or local agencies concerning specified agency regulatory programs and proprietary jurisdictions that may affect such activities.

SYMBOLOGY EXAMPLE



NOTES TO THE USER

- Wetlands which have been field examined are indicated on the map by an asterisk (*).
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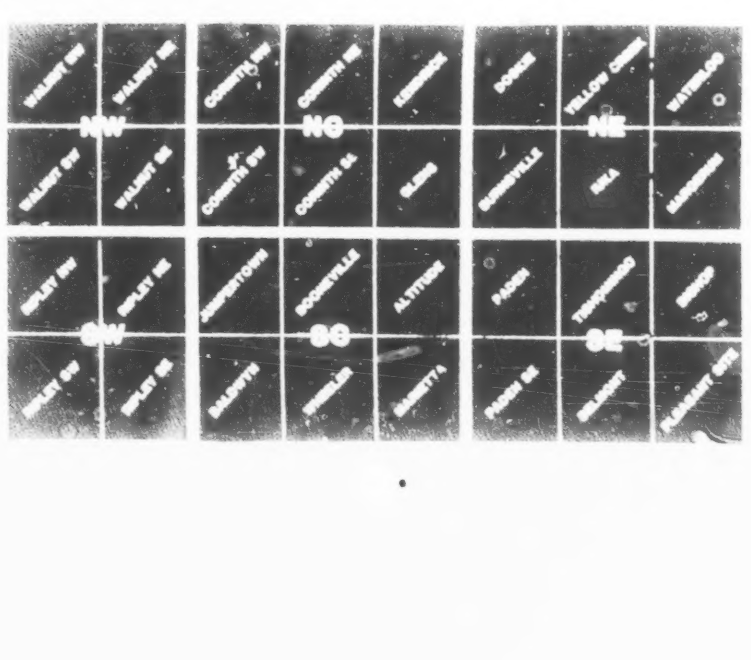
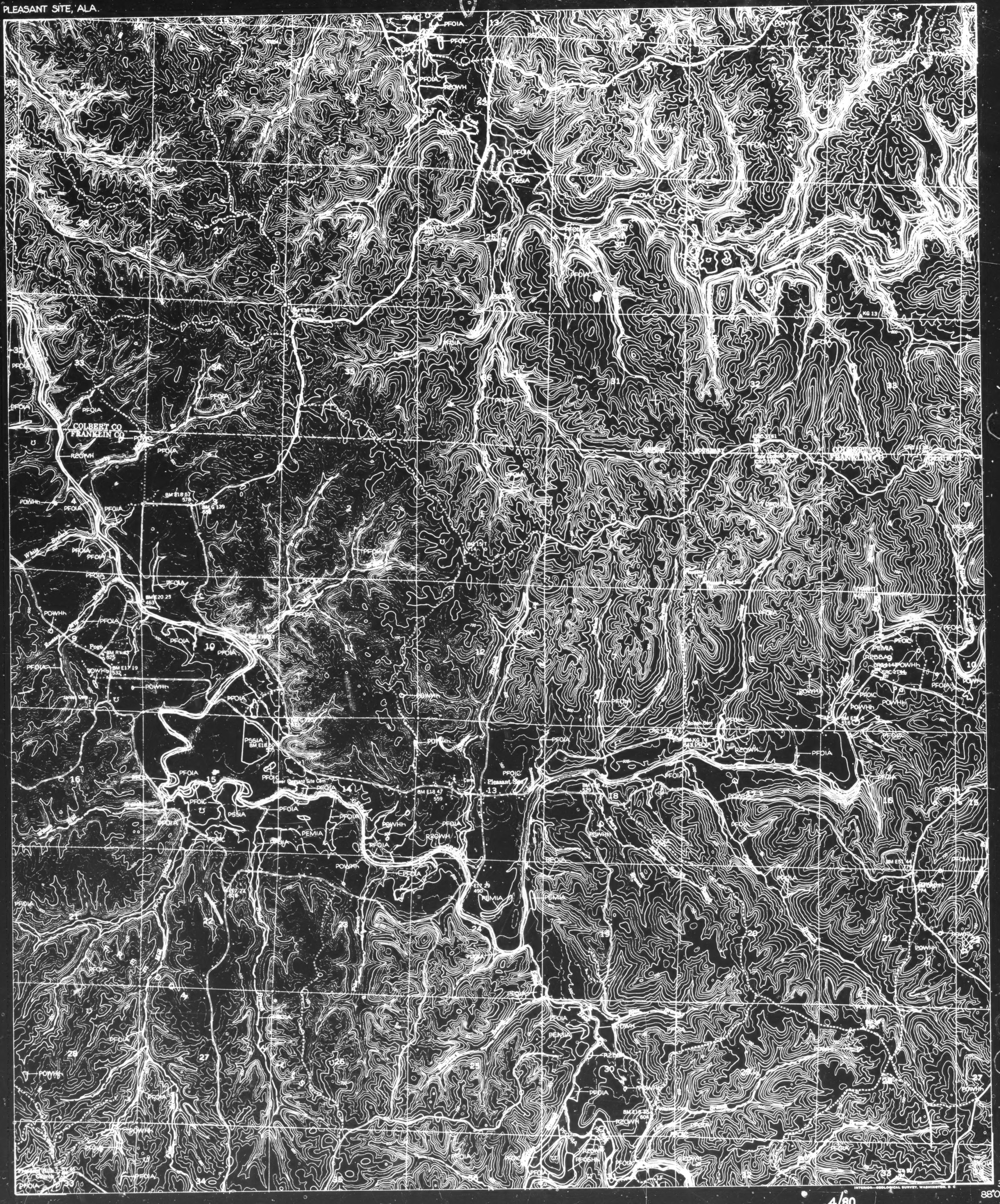
- Additions or corrections to the wetlands information displayed on this map are solicited. Please forward such information to the address indicated.



NATIONAL WETLANDS INVENTORY

UNITED STATES DEPARTMENT OF THE INTERIOR

PLEASANT SITE, ALA.



TUPELO NE

CORINTH

4/80

PLEASANT SITE, ALA.

SCALE 1:24 000

WETLAND LEGEND

Ʊ – Primarily represents upland areas, but may include unclassified wetlands such as man-modified areas, non photo-identifiable areas and/or unintentional omissions.

ECOLOGICAL SYSTEM – Ecological Subsystem – CLASS – Subclass

M – MARINE

1 – Subtidal
- RB ROCK BOTTOM: 1 Bedrock, 2 Boulder
- UB UNCONSOLIDATED BOTTOM: 1 Cobble Gravel, 2 Sand, 3 Mud, 4 Organic
- AB AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 6 Unknown Submergent
- RF REEF: 1 Coral, 3 Worm
- OW OPEN WATER Unknown Bottom

2 – Intertidal
- AB AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 6 Unknown Submergent
- RF REEF: 1 Coral, 3 Worm
- FL FLAT: 1 Cobble/Gravel, 2 Sand, 3 Mud, 6 Vegetated Non pioneer
- RS ROCKY SHORE: 1 Bedrock, 2 Boulder, 6 Vegetated, 4 Non pioneer
- BB BEACH/BAR: 1 Cobble Gravel, 2 Sand

E – ESTUARINE

1 – Subtidal
- RB – ROCK BOTTOM: 1 Bedrock, 2 Boulder
- UB – UNCONSOLIDATED BOTTOM: 1 Cobble/Gravel, 2 Sand, 3 Mud, 4 Organic
- AB – AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 4 Floating leaved, 5 Floating, 6 Unknown Submergent, 7 Unknown Surface
- RF – REEF: 2 Mollusc, 3 Worm
- OW – OPEN WATER Unknown Bottom

2 – Intertidal
- AB – AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 6 Unknown Submergent, 7 Unknown Surface
- RF REEF: 2 Mollusc, 3 Worm
- FL FLAT: 1 Cobble/Gravel, 2 Sand, 3 Mud, 4 Organic, 5 Vegetated Pioneer, 6 Vegetated Non pioneer
- SB STREAMBED: 1 Cobble/Gravel, 2 Sand, 3 Mud, 4 Organic
- RS ROCKY SHORE: 1 Bedrock, 2 Boulder, 6 Vegetated Non pioneer
- BB BEACH/BAR: 1 Cobble Gravel, 2 Sand
- EM EMERGENT: 1 Persistent, 2 Nonpersistent, 3 Narrow leaved Nonpersistent, 4 Broad leaved Nonpersistent, 5 Narrow leaved Persistent, 6 Broad leaved Persistent
- SS – SCRUB/SHRUB: 1 Broad-leaved Deciduous, 3 Broad-leaved Evergreen, 4 Needle-leaved Evergreen, 5 Dead, 6 Deciduous, 7 Evergreen
- FO FORESTED: 1 Broad leaved Deciduous, 3 Broad leaved Evergreen, 4 Needle leaved Evergreen, 5 Dead, 6 Deciduous, 7 Evergreen

R – RIVERINE

1 – Tidal, 2 – Lower Perennial, 3 – Upper Perennial, 4 – Intermittent, 5 – Unknown Perennial
- EM – EMERGENT(1): 2 Nonpersistent, 3 Narrow-leaved Nonpersistent, 4 Broad leaved Nonpersistent
- RB – ROCK BOTTOM: 1 Bedrock, 2 Boulder
- UB – UNCONSOLIDATED BOTTOM: 1 Cobble/Gravel, 2 Sand, 3 Mud, 4 Organic
- AB – AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 3 Submergent Moss, 4 Floating-leaved, 5 Floating, 6 Unknown Submergent, 7 Unknown Surface
- FL – FLAT: 1 Cobble/Gravel, 2 Sand, 3 Mud, 4 Organic, 5 Vegetated Pioneer, 6 Vegetated Non pioneer
- SB – STREAMBED: 1 Cobble/Gravel, 2 Sand, 3 Mud, 4 Organic
- RS ROCKY SHORE: 1 Bedrock, 2 Boulder
- BB BEACH/BAR: 1 Cobble/Gravel, 2 Sand
- OW OPEN/WATER Unknown Bottom

(1) EM – EMERGENTS are only found in the Riverine Tidal and Riverine Lower Perennial Ecological Subsystem. All other classes are found in all Riverine Ecological Subsystems.

L – LACUSTRINE

1 – Limnetic
- RB ROCK BOTTOM: 1 Bedrock, 2 Boulder
- UB UNCONSOLIDATED BOTTOM: 1 Cobble/Gravel, 2 Sand, 3 Mud, 4 Organic
- AB AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 3 Submergent Moss, 4 Floating leaved, 5 Floating, 6 Unknown Submergent, 7 Unknown Surface
- OW OPEN WATER Unknown Bottom

2 – Littoral
- RB ROCK BOTTOM: 1 Bedrock, 2 Boulder
- UB UNCONSOLIDATED BOTTOM: 1 Cobble Gravel, 2 Sand, 3 Mud, 4 Organic
- AB AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 3 Submergent Moss, 4 Floating leaved, 5 Floating, 6 Unknown Submergent, 7 Unknown Surface
- FL FLAT: 1 Cobble/Gravel, 2 Sand, 3 Mud, 4 Organic, 5 Vegetated Pioneer, 6 Vegetated Non pioneer
- RS ROCKY SHORE: 1 Bedrock, 2 Boulder
- BB BEACH BAR: 1 Cobble Gravel, 2 Sand
- EM EMERGENT: 2 Nonpersistent, 3 Narrow leaved Nonpersistent, 4 Broad leaved Nonpersistent
- OW OPEN WATER Unknown Bottom

P – PALUSTRINE

No Subsystem
- RB – ROCK BOTTOM: 1 Bedrock, 2 Boulder
- UB – UNCONSOLIDATED BOTTOM: 1 Cobble/Gravel, 2 Sand, 3 Mud, 4 Organic
- AB – AQUATIC BED: 1 Submergent Algal, 2 Submergent Vascular, 3 Submergent Moss, 4 Floating leaved, 5 Floating, 6 Unknown Submergent, 7 Unknown Surface
- FL FLAT: 1 Cobble/Gravel, 2 Sand, 3 Mud, 4 Organic, 5 Vegetated Pioneer, 6 Vegetated Non pioneer
- ML MOSS-LICHEN: 1 Moss, 2 Lichen
- EM EMERGENT: 1 Persistent, 2 Nonpersistent, 3 Narrow leaved Nonpersistent, 4 Broad leaved Nonpersistent, 5 Narrow leaved Persistent, 6 Broad leaved Persistent
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- FO FORESTED: 1 Broad leaved Deciduous, 2 Needle leaved Deciduous, 3 Broad leaved Evergreen, 4 Needle leaved Evergreen, 5 Dead, 6 Deciduous, 7 Evergreen
- OW OPEN WATER Unknown Bottom

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WATER REGIME(1) Non-Tidal		Tidal		WATER CHEMISTRY Coastal Salinity	Inland Salinity	pH Modifiers for all Fresh Water	SOIL	SPECIAL MODIFIERS	
A Temporary	H Permanent	K Artificial	R Seasonal Tidal	1 Hyperhaline	7 Hypersaline	a Acid	g Organic	b Beaver	h Diked/Impounded
B Saturated	J Intermittently Flooded	L Subtidal	S Temporary Tidal	2 Euhaline	8 Eusaline	t Circumneutral	n Mineral	d Partially Drained/Ditched	r Artificial
C Seasonal	K Artificial	M Irregularly Exposed	T Semipermanent Tidal	3 Mixohaline (Brackish)	9 Mixosaline	i Alkaline		f Farmed	s Spoil
D Seasonal Well-drained	Z Intermittently Exposed/Permanent	N Regular	V Permanent Tidal	4 Polyhaline	0 Fresh				x Excavated
E Seasonal Saturated	W Intermittently Flooded/Temporary	P Irregular	U Unknown	5 Mesohaline					
F Semipermanent	Y Saturated/Semipermanent/Seasonal			6 Oligohaline					
G Intermittently Exposed	U Unknown			0 Fresh					

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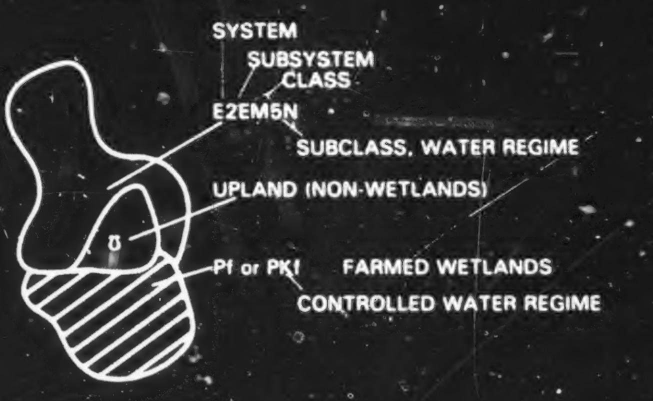

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MICROFICHE INDEX
TUPELO NE
CORINTH

NW		NC			NE		
WALNUT NW	WALNUT NE	CORINTH NW	CORINTH NE	KENDRICK	DOSKIE	YELLOW CREEK	WATERLOO
WALNUT SW	WALNUT SE	CORINTH SW	CORINTH SE	GLEN	BURNSVILLE	IUKA	MARGERUM
SW		**SC**			**SE**		
RIPLEY NW	RIPLEY NE	JUMPERTOWN	BOONEVILLE	ALTITUDE	PADEN	TISHOMINGO	BISHOP
RIPLEY SW	RIPLEY SE	BALDWYN	WHEELER	MARIETTA	PADEN SE	BELMONT	PLEASANT SITE